

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
First Coast Guard District

408 Atlantic Avenue
Boston, MA 02110-3350
Staff Symbol: dl
Phone: (617) 223-8500
Fax: (617) 223-8501

5720

DEC 18 2018

Mr. Chester Hooper
Of Counsel
Holland & Knight LLP
10 Saint James Ave., 11th Floor
Boston, MA 02116

Dear Mr. Hooper:

This letter is in response to your email of December 04, 2018, requesting official information in support of probate litigation. Specifically, you asked the Coast Guard to produce any USCG Search and Rescue Operations (SAROPS) documents including search area review, comments, SRU, planned searches, geometry, and display.

Pursuant to 6 CFR § 5.48, the Coast Guard is providing the requested SAROPS information in support of your civil case subject to federal law and the following conditions. The case files may only be used in conjunction with the probate case identified in your request and you agree not to further release the information prior to obtaining consent from the Coast Guard or a court order mandating release. All copies of the written case file shall be returned to the Coast Guard at the close of this matter.

If you have any questions, please contact Commander Jonathan Alexander at (617) 223-8448.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian K. Koshulsky", written over a white background.

B. K. Koshulsky
Captain, U. S. Coast Guard
Staff Judge Advocate
First Coast Guard District

Enclosure: (1) Certification of Public Records
(2) SAROPS Records



CERTIFICATION OF PUBLIC BUSINESS RECORDS

I, Timothy Carton, certify that I am a Search and Rescue Specialist at the First Coast Guard District. In that position, I have authority to certify records on behalf of the entity.

I certify that the records I produced are true and correct copies of the original records.

Furthermore, the records I produced were made at or near the time of the act, event, condition, opinion, or diagnosis that they describe, and such records were made by people with knowledge of the act, event, condition, opinion, or diagnosis.

Such records were made and kept in the regular course of United States Coast Guard activities. These records describe matters observed while under a legal duty to report.

In witness, I sign this certificate and affix the seal of my office at Boston Massachusetts, this 18th day of December, 2018.


(Signature)

Timothy J. CARTON
(Please print name)

Case Properties

Case Name Copy - 121532Z DEC 18 - 261434Z_SEP_16_1045605_MIKE
Status ACTSUS
Opened By MAIN\DLFarmer
Date Opened 190220Z SEP 2016
Closed By MAIN\RMarsenault
Date Closed 261906Z SEP 2016

Unit Case Number
MISLE Case Number 1045605
MISLE Case URL

Location
Nature Of Distress Overdue Vessel
Number Of Persons
Vessel/Aircraft ID

Run Properties

Case Name Copy - 121532Z DEC 18 - 261434Z_SEP_16_1045605_MIKE
Date 261715Z SEP 2016
Search Plan MIKE
Planner MAIN\RMarsenault
Run Name MIKE_Copy - 121532Z DEC 18 - 261434Z_SEP_16_1045605_MIKE
Comments
Status Need to (Re)Run Planner

Search Objects

Type PIW w/o PFD Avg
Detection
Capacity NA
Length 1 FT
Beam 1.8 FT
Height 1.3 FT
Persons In Group 1 Persons
Has RADAR Reflector No
Leeway
Rate (%) 1.1 %
Average Div Angle 29.63 Deg

Type Center Console
Detection
Capacity NA
Length 32 FT
Beam 10.2 FT
Height 7.99 FT
Persons On Board 2 Persons

Has RADAR Reflector No

Leeway

Rate (%) 6 %
Average Div Angle 22.22 Deg

Type LR Cnpy, Drg, no Blst

Detection

Capacity 2 Persons
Length 5.5 FT
Beam 4.86 FT
Height 2.74 FT
Persons On Board 1 Persons
Has RADAR Reflector No

Leeway

Rate (%) 3 %
Average Div Angle 28.15 Deg

Scenario

Name	Type	DST	T-Error	Weight	Weight %
Scenario 2	Area	182100Z SEP 2016	20.00	5	33.33
Point	Lat	Lng			
1	41-04.437N	071-42.365W			
2	39-22.773N	072-17.981W			
3	39-48.095N	069-35.108W			
4	40-05.284N	068-52.754W			
5	40-13.261N	068-58.337W			

Name	Type	DST	T-Error	Weight	Weight %
Scenario 3	Area	181242Z SEP 2016	3.00	5	33.33
Point	Lat	Lng			
1	39-18.574N	072-16.617W			
2	39-31.697N	072-26.644W			
3	39-44.296N	071-46.537W			
4	39-28.784N	071-15.830W			
5	39-25.384N	071-53.430W			

Name	Type	DST	T-Error	Weight	Weight %	Lat	Lng	X-Error
Scenario 4	LKP	211930Z SEP 2016	0.50	5	33.33	41-14.000N	071-18.000W	1.00

Hazards

No Hazards.

Completed Searches as of 231706Z SEP 2016

Prefix	SRU ID	Descriptor	Type	CST	EST	% Comp	Hours Searched	Track Length Searched	Area Searched	Reviewed
K-6	CAMPBELL	Visual	PS	230601Z SEP	231050Z SEP	100%	4.81 hrs	55 NM	386 SQNM	Yes

				2016	2016					
J-1	C130	Radar	PS	221036Z SEP 2016	221405Z SEP 2016	100%	3.48 hrs	601 NM	6118 SQNM	Yes
J-2	C130	Radar	PS	221420Z SEP 2016	221738Z SEP 2016	100%	3.29 hrs	564 NM	5740 SQNM	Yes
J-3	Sitkinak	Visual	CS	221403Z SEP 2016	222156Z SEP 2016	100%	7.87 hrs	60 NM	62 SQNM	Yes
J-5	C144	Radar	PS	221336Z SEP 2016	221658Z SEP 2016	100%	3.38 hrs	504 NM	3062 SQNM	Yes
G-2	Bonito	Visual	TS	202245Z SEP 2016	211309Z SEP 2016	100%	14.4 hrs	55 NM	45 SQNM	Yes
G-3	CAMPBELL	Visual	TS	210038Z SEP 2016	211006Z SEP 2016	100%	9.47 hrs	76 NM	78 SQNM	Yes
L-1	C144	Radar	PS	231028Z SEP 2016	231339Z SEP 2016	100%	3.19 hrs	503 NM	3570 SQNM	Yes
L-2	CAMPBELL	Visual	PS	231325Z SEP 2016	231706Z SEP 2016	100%	3.68 hrs	26 NM	153 SQNM	Yes
L-3	SITKINAK	Visual	PS	231430Z SEP 2016	231530Z SEP 2016	100%	1 hrs	18 NM	115 SQNM	Yes
L-4	N429FS	Visual	TS	231400Z SEP 2016	231608Z SEP 2016	100%	2.15 hrs	160 NM	425 SQNM	Yes
K-3	SITKINAK	Visual	PS	230025Z SEP 2016	230540Z SEP 2016	100%	5.23 hrs	57 NM	245 SQNM	Yes
K-4	SITKINAK	Visual	PS	230643Z SEP 2016	231132Z SEP 2016	100%	4.82 hrs	53 NM	287 SQNM	Yes
K-5	CAMPBELL	Visual	PS	222346Z SEP 2016	230435Z SEP 2016	100%	4.81 hrs	55 NM	386 SQNM	Yes
G-4	SITKINAK	Visual	TS	211200Z SEP 2016	212159Z SEP 2016	100%	9.99 hrs	78 NM	601 SQNM	Yes
G-5	CGR 2317	Radar	PS	210932Z SEP 2016	211702Z SEP 2016	100%	7.49 hrs	504 NM	3060 SQNM	Yes
G-6	CGR 2317	Radar	PS	211802Z SEP 2016	212157Z SEP 2016	100%	3.93 hrs	500 NM	4845 SQNM	Yes
G-7	CGC Campbell	Visual	TS	211200Z SEP 2016	212019Z SEP 2016	60%	8.32 hrs	53 NM	325 SQNM	Yes
F-1	CAMPBELL	Visual	TS	202030Z SEP 2016	210029Z SEP 2016	20%	4 hrs	12 NM	13 SQNM	Yes
F-2	65xx	Visual	CS	201902Z SEP 2016	201957Z SEP 2016	100%	0.92 hrs	70 NM	451 SQNM	Yes
F-1	hc 144	Radar	TS	201651Z SEP 2016	201729Z SEP 2016	100%	0.65 hrs	121 NM	396 SQNM	Yes
F-2	hc 144	Radar	PS	201742Z SEP 2016	202102Z SEP 2016	25%	3.34 hrs	124 NM	1785 SQNM	Yes
F-3	Bonito	Visual	TS	201902Z SEP	202001Z SEP	100%	1 hrs	54 NM	44 SQNM	Yes

				2016	2016					
E-1	HC144	Radar	PS	201026Z SEP 2016	201348Z SEP 2016	100%	3.37 hrs	502 NM	3621 SQNM	Yes
E-2	HH60	Visual	PS	201121Z SEP 2016	201313Z SEP 2016	100%	1.86 hrs	148 NM	733 SQNM	Yes
X-1	CGC CAMPBELL	Visual	TS	200330Z SEP 2016	201746Z SEP 2016	55%	14.27 hrs	89 NM	45 SQNM	Yes
X-2	CGC BONITO	Visual	TS	200045Z SEP 2016	201744Z SEP 2016	50%	17 hrs	81 NM	83 SQNM	Yes
C-1	CG 144	Radar	PS	192112Z SEP 2016	192247Z SEP 2016	100%	1.59 hrs	244 NM	2830 SQNM	Yes
C-2	CG 60	Visual	PS	192152Z SEP 2016	192248Z SEP 2016	80%	0.95 hrs	87 NM	560 SQNM	Yes
B-1	Bonito	Visual	PS	191605Z SEP 2016	191939Z SEP 2016	100%	3.55 hrs	58 NM	196 SQNM	Yes
B-2	45720	Unknown	PS	191504Z SEP 2016	191825Z SEP 2016	100%	3.35 hrs	49 NM	113 SQNM	Yes
B-3	45720	Unknown	TS	191500Z SEP 2016	191559Z SEP 2016	100%	1 hrs	6 NM	8 SQNM	Yes
B-4	144	Radar	TS	191700Z SEP 2016	191959Z SEP 2016	100%	3 hrs	328 NM	1377 SQNM	Yes
B-6	144	Visual	TS	191607Z SEP 2016	191859Z SEP 2016	100%	2.88 hrs	64 NM	180 SQNM	Yes
A-1	144	Radar	PS	190350Z SEP 2016	190601Z SEP 2016	60%	2.19 hrs	304 NM	795 SQNM	Yes
A-2	rbm	Visual	PS	190732Z SEP 2016	190927Z SEP 2016	100%	1.92 hrs	25 NM	26 SQNM	Yes
A-1	6042	NVG	PS	190035Z SEP 2016	190219Z SEP 2016	80%	1.73 hrs	181 NM	405 SQNM	Yes
A-2	PJ RBM	Visual	PS	190324Z SEP 2016	190631Z SEP 2016	100%	3.13 hrs	50 NM	56 SQNM	Yes
J-6	C144	Radar	PS	221801Z SEP 2016	222158Z SEP 2016	100%	3.95 hrs	504 NM	3062 SQNM	Yes
J-7	N8855P	Visual	TS	221700Z SEP 2016	222159Z SEP 2016	100%	4.99 hrs	353 NM	396 SQNM	Yes
J-8	CGC CAMPBELL	Visual	TS	221620Z SEP 2016	222319Z SEP 2016	100%	6.99 hrs	72 NM	73 SQNM	Yes
I-1	45	Visual	PS	220443Z SEP 2016	221043Z SEP 2016	100%	6 hrs	58 NM	12 SQNM	Yes
I-2	Sitkinak	Visual	PS	220724Z SEP 2016	221404Z SEP 2016	100%	6.66 hrs	37 NM	19 SQNM	Yes
X-1	N43FL	Visual	TS	211400Z SEP 2016	211659Z SEP 2016	100%	3 hrs	304 NM	1819 SQNM	Yes
G-1	CGR 2002	Radar	CS	211206Z SEP	211703Z SEP	100%	4.95 hrs	1212 NM	13709	Yes

		2016	2016			SQNM
Total				209.55 hrs	9060 NM	62307 SQNM

Leeway Winds

Source EDS-NDFD

NDFD_CONUS_W_20160926183814193_14506_17938.NC

Surface Currents

Source EDS-AGG

AGG_ADCIRC_GHYCOM_C_20160926184337924_64499_63447.NC

Review

Simulator Mode Normal

Treat As River No

Shoreline Sticky 100% Slippery 0%

Include Both

Simulator POS Report as of SIM End Time (231830Z SEP 2016)

Search Object	Number Adrift	Number on Land	Conditional POS	Object Probability	Joint POS	Remaining Probability
PIW w/o PFD Avg	4955	46	10%	33%	3%	30%
Center Console	4302	699	>99%	33%	33%	<1%
LR Cnpy, Drg, no Blst	4905	93	87%	33%	29%	4%
TOTAL	14162	838	--	100%	66%	34%

Key:

Number Adrift: Number of simulation particles adrift or anchored at 231830Z SEP 2016.

Number on Land: Number of simulation particles on land at 231830Z SEP 2016.

Conditional POS: Cumulative Probability to date of the search object being located, assuming it is the given type.

Object Probability: Likelihood a search object of the given type resulted from the distress incident (based on search object and scenario weighting).

Joint POS: Cumulative Probability to date of the search object resulting from the distress incident being the given type AND being found (equals Conditional X Object.)

Remaining Probability: Cumulative Probability to date of the search object resulting from the distress incident being the given type and remaining unlocated, considering all previous searches (equals Object - Joint.)

Total Joint POS: Cumulative Probability to date of finding any search object that is one of the given types (sum of all search object Joint POS values.)

Total Remaining Probability: Cumulative Probability to date that any search object described within the run remains to be found.

SAROPS PLANNER:: SRUs

No SRUs.

Planning POS Report

Need to (Re)Run Planner

PARALLEL SEARCH

NAME : K-6:CAMPBELL-VISUAL
CENTER : 40-30.500N 070-53.800W
SEARCH AREA LENGTH : 20.40 NM
SEARCH AREA WIDTH : 18.90 NM
MAJOR AXIS : 085 T / 099 M
MINOR AXIS : 175 T / 189 M
CORNER PT #1 : 40-39.010N 071-08.278W
CORNER PT #2 : 40-20.186N 071-06.050W
CORNER PT #3 : 40-21.960N 070-39.383W
CORNER PT #4 : 40-40.792N 070-41.487W
CSP : 40-36.154N 071-03.773W
FIRST LEG DIRECTION : 085 T / 099 M
LEG LENGTH : 14.10 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 175 T / 189 M
RATE OF CREEP : 3.52 KTS
TRACK SPACING : 6.30 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |

+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 54.90 NM
ESP : 40-24.831N 070-43.855W
AREA SEARCHED : 385.56 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 5
NUMBER OF LEGS COMPLETED : 5.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : CAMPBELL
COMMAND :
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |

+-----+
CST : 230545Z SEP 16
ON SCENE ENDURANCE : 6.00 HRS
EST : 231145Z SEP 16
SEARCH SPEED : 12.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |

+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.60 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.34 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 230545Z SEP 16
ACTUAL EST : 231107Z SEP 16
TIME SEARCHED : 5.37 HRS
AVERAGE SPEED : 11.40 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 0 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.60 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.34 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-36.154N 071-03.773W
CST : 230545Z SEP 16
TRACK LENGTH : 54.90 NM
PATTERN SEARCH TIME : 5.37 HRS
ESP : 40-24.831N 070-43.855W
EST : 231107Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 54.90 NM

TOTAL TIME : 5.37 HRS

EVALUATE

REVIEWED : YES

COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	230545Z SEP 16	40-36.154N 071-03.773W	085	085 T / 099	14.10	14.10	01
2	230659Z SEP 16	40-37.385N 070-45.270W	175	175 T / 190	6.30	20.40	00
3	230732Z SEP 16	40-31.108N 070-44.561W	265	265 T / 279	14.10	34.50	01
4	230846Z SEP 16	40-29.879N 071-03.036W	175	175 T / 189	6.30	40.80	00
5	230919Z SEP 16	40-23.604N 071-02.300W	085	085 T / 099	14.10	54.90	01
6	231033Z SEP 16	40-24.831N 070-43.855W	-----	-----	-----	54.90	---

PARALLEL SEARCH

```

-----
NAME           : J-1:C130-RADAR
CENTER        : 38-50.500N 073-05.700W
SEARCH AREA LENGTH : 87.40 NM
SEARCH AREA WIDTH  : 70.00 NM
MAJOR AXIS      : 019 T / 032 M
MINOR AXIS     : 109 T / 122 M
CORNER PT #1   : 38-20.364N 074-06.009W
CORNER PT #2   : 37-57.793N 072-41.752W
CORNER PT #3   : 39-20.111N 072-04.541W
CORNER PT #4   : 39-43.123N 073-30.247W
CSP           : 38-23.529N 073-57.945W
FIRST LEG DIRECTION : 019 T / 032 M
LEG LENGTH     : 77.40 NM
FIRST TURN     : RIGHT
CREEP DIRECTION : 109 T / 122 M
RATE OF CREEP  : 19.81 KTS
TRACK SPACING  : 10.00 NM
MAG VARIATION  : 13 W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 601.09 NM
ESP                : 39-17.079N 072-12.796W
AREA SEARCHED     : 6118.00 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 13
NUMBER OF LEGS COMPLETED : 13.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : C130
COMMAND           : ASEC
SRU TYPE          : FIXED-WING
RADAR PLATFORM    : HC_130J
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST           : 221030Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST           : 221430Z SEP 16
SEARCH SPEED   : 180.00 KTS
SENSOR        : RADAR
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                               SWEEP WIDTH
-----
  
```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 34.17 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 11.80 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 221035Z SEP 16
ACTUAL EST : 221407Z SEP 16
TIME SEARCHED : 3.53 HRS
AVERAGE SPEED : 173.15 KTS

+-----+
| ON SCENE WEATHER (RADAR) |

+-----+
WIND SPEED : 7.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |

+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |

+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 34.17 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

 CORRECTED : 11.80 NM

TRANSITS SUMMARY

-----+
 | STARTING TRANSIT LEG |
 +-----+
 START POSITION : 36-15.980N 076-11.874W
 START TRANSIT SPEED : 250.00 KTS
 START TRANSIT DISTANCE : 166.15 NM
 START TRANSIT TIME : 0.66 HRS
 START TIME : 220955Z SEP 16

+-----+
 | ON SCENE |
 +-----+
 CSP : 38-23.529N 073-57.945W
 CST : 221035Z SEP 16
 TRACK LENGTH : 601.09 NM
 PATTERN SEARCH TIME : 3.53 HRS
 ESP : 39-17.079N 072-12.796W
 EST : 221407Z SEP 16

+-----+
 | ENDING TRANSIT LEG |
 +-----+
 END POSITION :
 END TRANSIT SPEED :
 END TRANSIT DISTANCE :
 END TRANSIT TIME :
 END TIME :

+-----+
 | TOTALS |
 +-----+
 TOTAL DISTANCE : 767.24 NM
 TOTAL TIME : 4.20 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
T	220955Z SEP 16	36-15.980N 076-11.874W	039	039 T / 050	166.15	166.15	00
1	221035Z SEP 16	38-23.529N 073-57.945W	018	018 T / 031	77.30	243.45	00
2	221101Z SEP 16	39-36.781N 073-26.186W	109	109 T / 122	10.00	253.45	00
3	221105Z SEP 16	39-33.550N 073-13.906W	199	199 T / 212	77.30	330.75	00
4	221132Z SEP 16	38-20.353N 073-45.852W	109	109 T / 121	10.00	340.75	00
5	221135Z SEP 16	38-17.156N 073-33.776W	019	019 T / 031	77.30	418.04	00
6	221202Z SEP 16	39-30.298N 073-01.646W	109	109 T / 122	10.00	428.04	00

7	221205Z	SEP 16	39-27.025N	072-49.405W	199	199 T / 212	77.30	505.34	00
8	221232Z	SEP 16	38-13.938N	073-21.719W	109	109 T / 122	10.00	515.34	00
9	221236Z	SEP 16	38-10.699N	073-09.679W	019	019 T / 032	77.30	592.64	00
10	221302Z	SEP 16	39-23.731N	072-37.182W	109	109 T / 123	10.00	602.64	00
11	221306Z	SEP 16	39-20.415N	072-24.979W	199	199 T / 213	77.30	679.94	00
12	221333Z	SEP 16	38-07.440N	072-57.657W	109	109 T / 122	10.00	689.94	00
13	221336Z	SEP 16	38-04.161N	072-45.654W	019	019 T / 032	77.30	767.24	00
14	221403Z	SEP 16	39-17.079N	072-12.796W	-----	-----	-----	767.24	---

PARALLEL SEARCH

NAME : J-2:C130-RADAR
CENTER : 40-04.500N 071-42.800W
SEARCH AREA LENGTH : 114.80 NM
SEARCH AREA WIDTH : 50.00 NM
MAJOR AXIS : 078 T / 092 M
MINOR AXIS : 348 T / 002 M
CORNER PT #1 : 39-27.800N 072-48.791W
CORNER PT #2 : 39-51.522N 070-22.886W
CORNER PT #3 : 40-40.565N 070-35.624W
CORNER PT #4 : 40-16.557N 073-03.205W
CSP : 39-33.775N 072-43.890W
FIRST LEG DIRECTION : 078 T / 092 M
LEG LENGTH : 104.80 NM
FIRST TURN : LEFT
CREEP DIRECTION : 348 T / 002 M
RATE OF CREEP : 14.93 KTS
TRACK SPACING : 10.00 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 563.99 NM
ESP : 40-34.682N 070-40.792W
AREA SEARCHED : 5740.00 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 9
NUMBER OF LEGS COMPLETED : 9.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : C130
COMMAND : ASEC
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_130J

+-----+
| PRE-SEARCH |
+-----+

CST : 221445Z SEP 16
ON SCENE ENDURANCE : 3.75 HRS
EST : 221830Z SEP 16
SEARCH SPEED : 180.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 34.17 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 11.80 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 221419Z SEP 16
ACTUAL EST : 221740Z SEP 16
TIME SEARCHED : 3.35 HRS
AVERAGE SPEED : 171.34 KTS

+-----+
| ON SCENE WEATHER (RADAR) |

+-----+
WIND SPEED : 7.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |

+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |

+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 34.17 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

 CORRECTED : 11.80 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 180.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 39-33.775N 072-43.890W
CST                   : 221419Z SEP 16
TRACK LENGTH          : 563.99 NM
PATTERN SEARCH TIME  : 3.35 HRS
ESP                   : 40-34.682N 070-40.792W
EST                   : 221740Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION            : 36-18.289N 076-11.874W
END TRANSIT SPEED     : 250.00 KTS
END TRANSIT DISTANCE  : 364.52 NM
END TRANSIT TIME      : 1.46 HRS
END TIME              : 221907Z SEP 16
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE        : 928.50 NM
TOTAL TIME            : 4.81 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221419Z SEP 16	39-33.775N 072-43.890W	077	077 T / 091	104.80	104.80	00
2	221455Z SEP 16	39-55.457N 070-30.543W	349	349 T / 003	10.00	114.80	00
3	221459Z SEP 16	40-05.265N 070-33.087W	259	259 T / 273	104.80	219.59	00
4	221535Z SEP 16	39-43.531N 072-46.738W	347	347 T / 001	10.00	229.59	00
5	221539Z SEP 16	39-53.285N 072-49.600W	077	077 T / 091	104.80	334.39	00
6	221616Z SEP 16	40-15.072N 070-35.643W	349	349 T / 003	10.00	344.39	00
7	221619Z SEP 16	40-24.878N 070-38.212W	259	259 T / 273	104.80	449.19	00

8	221656Z	SEP 16	40-03.039N	072-52.475W	347	347 T / 001	10.00	459.19	00
9	221659Z	SEP 16	40-12.791N	072-55.364W	077	077 T / 091	104.80	563.99	00
10	221736Z	SEP 16	40-34.682N	070-40.792W	227	227 T / 241	364.52	928.50	01
T	221903Z	SEP 16	36-18.289N	076-11.874W	-----	-----	-----	928.50	---

CREEPING LINE SEARCH

```

-----
NAME           : J-3:SITKINAK-VISUAL
CENTER          : 41-14.700N 071-18.600W
SEARCH AREA LENGTH : 11.00 NM
SEARCH AREA WIDTH  : 5.60 NM
MAJOR AXIS       : 087 T / 101 M
MINOR AXIS       : 357 T / 011 M
CORNER PT #1    : 41-11.662N 071-25.708W
CORNER PT #2    : 41-12.238N 071-11.108W
CORNER PT #3    : 41-17.730N 071-11.481W
CORNER PT #4    : 41-17.154N 071-26.101W
CSP             : 41-12.188N 071-25.080W
FIRST LEG DIRECTION : 357 T / 011 M
LEG LENGTH      : 4.60 NM
FIRST TURN      : RIGHT
CREEP DIRECTION  : 087 T / 101 M
RATE OF CREEP   : 1.38 KTS
TRACK SPACING   : 1.00 NM
MAG VARIATION   : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 59.50 NM
ESP                : 41-17.206N 071-12.112W
AREA SEARCHED     : 61.60 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 21
NUMBER OF LEGS COMPLETED : 21.00
PERCENT COMPLETED       : 100 %

```

```

SRU
---
SRU ID (TAIL/HULL) : SITKINAK
COMMAND           :
SRU TYPE          : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM    : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+
CST           : 221400Z SEP 16
ON SCENE ENDURANCE : 8.00 HRS
EST           : 222200Z SEP 16
SEARCH SPEED   : 9.00 KTS
SENSOR        : VISUAL
ON SCENE WEATHER : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                               SWEEP WIDTH
-----

```


PIW WITHOUT PFD (AVERAGE) 0.50 NM
SPORT BOATS - CENTER CONSOLE 5.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 3.22 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 221400Z SEP 16
ACTUAL EST : 222200Z SEP 16
TIME SEARCHED : 8.00 HRS
AVERAGE SPEED : 7.70 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 5.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 0.95
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 3.22 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 9.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-12.188N 071-25.080W
CST : 221400Z SEP 16
TRACK LENGTH : 59.50 NM
PATTERN SEARCH TIME : 8.00 HRS
ESP : 41-17.206N 071-12.112W
EST : 222200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 59.50 NM

TOTAL TIME : 8.00 HRS

EVALUATE

REVIEWED : YES

COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221400Z SEP 16	41-12.188N 071-25.080W	357	357 T / 011	4.50	4.50	00
2	221435Z SEP 16	41-16.682N 071-25.401W	087	087 T / 101	1.00	5.50	00
3	221442Z SEP 16	41-16.735N 071-24.072W	177	177 T / 191	4.50	10.00	00
4	221517Z SEP 16	41-12.242N 071-23.753W	087	087 T / 101	1.00	11.00	00
5	221525Z SEP 16	41-12.295N 071-22.425W	357	357 T / 011	4.50	15.50	00
6	221600Z SEP 16	41-16.789N 071-22.743W	087	087 T / 101	1.00	16.50	00
7	221608Z SEP 16	41-16.842N 071-21.414W	177	177 T / 191	4.50	21.00	00
8	221643Z SEP 16	41-12.348N 071-21.098W	087	087 T / 101	1.00	22.00	00
9	221651Z SEP 16	41-12.401N 071-19.771W	357	357 T / 011	4.50	26.50	00
10	221726Z SEP 16	41-16.894N 071-20.086W	087	087 T / 101	1.00	27.50	00
11	221734Z SEP 16	41-16.947N 071-18.757W	177	177 T / 191	4.50	32.00	00
12	221809Z SEP 16	41-12.453N 071-18.443W	087	087 T / 101	1.00	33.00	00
13	221817Z SEP 16	41-12.505N 071-17.116W	357	357 T / 011	4.50	37.50	00
14	221852Z SEP 16	41-16.999N 071-17.428W	087	087 T / 101	1.00	38.50	00
15	221900Z SEP 16	41-17.051N 071-16.099W	177	177 T / 191	4.50	43.00	00
16	221935Z SEP 16	41-12.557N 071-15.789W	087	087 T / 101	1.00	44.00	00
17	221942Z SEP 16	41-12.609N 071-14.461W	357	357 T / 011	4.50	48.50	00
18	222017Z SEP 16	41-17.103N 071-14.770W	087	087 T / 101	1.00	49.50	00
19	222025Z SEP 16	41-17.154N 071-13.441W	177	177 T / 191	4.50	54.00	00
20	222100Z SEP 16	41-12.660N 071-13.134W	087	087 T / 101	1.00	55.00	00
21	222108Z SEP 16	41-12.711N 071-11.806W	357	357 T / 011	4.50	59.50	00
22	222143Z SEP 16	41-17.206N 071-12.112W	-----	-----	-----	59.50	---

PARALLEL SEARCH

NAME : J-5:C144-RADAR
CENTER : 41-01.300N 070-56.200W
SEARCH AREA LENGTH : 72.90 NM
SEARCH AREA WIDTH : 42.00 NM
MAJOR AXIS : 079 T / 093 M
MINOR AXIS : 169 T / 183 M
CORNER PT #1 : 41-14.758N 071-49.117W
CORNER PT #2 : 40-33.605N 071-38.022W
CORNER PT #3 : 40-47.442N 070-03.648W
CORNER PT #4 : 41-28.740N 070-13.791W
CSP : 41-12.419N 071-44.410W
FIRST LEG DIRECTION : 079 T / 093 M
LEG LENGTH : 66.90 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 169 T / 183 M
RATE OF CREEP : 12.29 KTS
TRACK SPACING : 6.00 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 504.29 NM
ESP : 40-49.848N 070-08.265W
AREA SEARCHED : 3061.80 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 13
NUMBER OF LEGS COMPLETED : 13.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : C144
COMMAND : ASCC
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_144A

+-----+
| PRE-SEARCH |
+-----+

CST : 221200Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST : 221600Z SEP 16
SEARCH SPEED : 150.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 37.58 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 11.48 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 221335Z SEP 16
ACTUAL EST : 221700Z SEP 16
TIME SEARCHED : 3.42 HRS
AVERAGE SPEED : 149.36 KTS

+-----+
| ON SCENE WEATHER (RADAR) |

+-----+
WIND SPEED : 7.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |

+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |

+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 37.58 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 11.48 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 41-12.419N 071-44.410W
CST                : 221335Z SEP 16
TRACK LENGTH       : 504.29 NM
PATTERN SEARCH TIME : 3.42 HRS
ESP                : 40-49.848N 070-08.265W
EST                : 221700Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 504.29 NM
TOTAL TIME     : 3.42 HRS

```

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221335Z SEP 16	41-12.419N 071-44.410W	078	078 T / 093	66.90	66.90	00
2	221401Z SEP 16	41-25.241N 070-16.993W	169	169 T / 184	6.00	72.90	00
3	221404Z SEP 16	41-19.343N 070-15.527W	259	259 T / 274	66.90	139.80	00
4	221431Z SEP 16	41-06.541N 071-42.819W	168	168 T / 183	6.00	145.80	00
5	221433Z SEP 16	41-00.661N 071-41.232W	079	079 T / 093	66.90	212.70	00
6	221500Z SEP 16	41-13.445N 070-14.066W	169	169 T / 184	6.00	218.70	00
7	221502Z SEP 16	41-07.546N 070-12.609W	259	259 T / 274	66.90	285.60	00

8	221529Z	SEP 16	40-54.781N	071-39.650W	169	169 T / 183	6.00	291.60	00
9	221532Z	SEP 16	40-48.901N	071-38.073W	079	079 T / 093	66.90	358.50	00
10	221559Z	SEP 16	41-01.647N	070-11.157W	169	169 T / 184	6.00	364.50	00
11	221601Z	SEP 16	40-55.747N	070-09.709W	260	260 T / 274	66.90	431.40	00
12	221628Z	SEP 16	40-43.021N	071-36.501W	169	169 T / 183	6.00	437.39	00
13	221630Z	SEP 16	40-37.140N	071-34.933W	079	079 T / 093	66.90	504.29	00
14	221657Z	SEP 16	40-49.848N	070-08.265W	-----	-----	-----	504.29	---

TRACK LINE SEARCH

-----+
NAME : G-2:BONITO-VISUAL
PASSES : 1
TRACK SPACING : 0.80 NM
FIRST TURN : RIGHT
CSP : 40-05.380N 072-14.830W
MAG VARIATION : 14 W
WAYPOINTS :
1: 40-05.380N 072-14.830W
2: 40-57.866N 071-53.593W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 54.91 NM
ESP : 40-57.866N 071-53.593W
AREA SEARCHED : 44.57 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : BONITO
COMMAND : BONITO
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 202245Z SEP 16
ON SCENE ENDURANCE : 12.00 HRS
EST : 211045Z SEP 16
SEARCH SPEED : 8.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH
-----+
PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.50 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.30 NM

+-----+
| POST-SEARCH |
+-----+
ACTUAL CST : 202245Z SEP 16

ACTUAL EST : 211310Z SEP 16
TIME SEARCHED : 14.42 HRS
AVERAGE SPEED : 3.81 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY      : 7.00 NM  
WIND SPEED      : 10.00 KTS  
SEA HEIGHT      : 2 FT  
CLOUD CEILING   : 3000 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+
```

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL

SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM

WIND SPEED : 10.00 KTS

SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)

(ID) : 69

TYPE :

LENGTH : 1 FT

BEAM : 2 FT

HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS

CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT

NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM

X WEATHER CORRECTION FACTOR : 1.00

X FATIGUE CORRECTION FACTOR : 0.10

X SRU SPEED CORRECTION FACTOR : 1.00

= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL

SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM

WIND SPEED : 10.00 KTS

SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE

(ID) : 47

TYPE : POWER BOAT

LENGTH : 32.0 FT

NUMBER OF PERSONS ON BOARD : 2

LENGTH : 32 FT

BEAM : 10 FT

HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS

CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT

NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.01 NM

X WEATHER CORRECTION FACTOR : 1.00

X FATIGUE CORRECTION FACTOR : 0.10

X SRU SPEED CORRECTION FACTOR : 1.00

= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL

SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM

WIND SPEED : 10.00 KTS

SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE

(ID) : 11

TYPE : RAFT

CAPACITY : 2 PERSON

NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.03 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.30 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |

-----+
START POSITION :
START TRANSIT SPEED : 8.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :

+-----+
| ON SCENE |

-----+
CSP : 40-05.380N 072-14.830W
CST : 202245Z SEP 16
TRACK LENGTH : 54.91 NM
PATTERN SEARCH TIME : 14.42 HRS
!! WARNING !! : PATTERN SEARCH TIME (14.42 HRS) IS MORE THAN AVAILABLE SEARCH TIME (1
ESP : 40-57.866N 071-53.593W
EST : 211310Z SEP 16

+-----+
| ENDING TRANSIT LEG |

-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
| TOTALS |

-----+
TOTAL DISTANCE : 54.91 NM
TOTAL TIME : 14.42 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	202245Z SEP 16	40-05.380N 072-14.830W	017	017 T / 031	54.91	54.91	14
2	211309Z SEP 16	40-57.866N 071-53.593W	-----	-----	-----	54.91	---

TRACK LINE SEARCH

NAME : G-3:CAMPBELL-VISUAL
PASSES : 1
TRACK SPACING : 1.00 NM
FIRST TURN : LEFT
CSP : 39-51.373N 072-49.923W
MAG VARIATION : 13 W
WAYPOINTS :
1: 39-51.373N 072-49.923W
2: 39-13.833N 071-35.054W
3: 39-20.483N 071-37.193W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 75.72 NM
ESP : 39-20.483N 071-37.193W
AREA SEARCHED : 77.72 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 2
NUMBER OF LEGS COMPLETED : 2.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : CAMPBELL
COMMAND : CTU
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 210000Z SEP 16
ON SCENE ENDURANCE : 12.00 HRS
EST : 211200Z SEP 16
SEARCH SPEED : 8.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.50 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.23 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 210038Z SEP 16
ACTUAL EST : 211007Z SEP 16
TIME SEARCHED : 9.48 HRS
AVERAGE SPEED : 7.99 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY : 7.00 NM  
WIND SPEED : 17.00 KTS  
SEA HEIGHT : 2 FT  
CLOUD CEILING : 3000 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+
```

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10

X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.01 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT

CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.03 NM
X WEATHER CORRECTION FACTOR : 0.77
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.23 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 8.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 39-51.373N 072-49.923W
CST : 210038Z SEP 16
TRACK LENGTH : 75.72 NM
PATTERN SEARCH TIME : 9.48 HRS
ESP : 39-20.483N 071-37.193W
EST : 211007Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 75.72 NM
TOTAL TIME : 9.48 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	210038Z SEP 16	39-51.373N 072-49.923W	123	123 T / 136	68.87	68.87	08
2	210914Z SEP 16	39-13.833N 071-35.054W	346	346 T / 360	6.85	75.72	00
3	211006Z SEP 16	39-20.483N 071-37.193W	-----	-----	-----	75.72	---

PARALLEL SEARCH

```

-----
NAME                : L-1:C144-RADAR
CENTER              : 40-46.700N 071-13.700W
SEARCH AREA LENGTH  : 85.00 NM
SEARCH AREA WIDTH   : 42.00 NM
MAJOR AXIS          : 251 T / 265 M
MINOR AXIS          : 161 T / 175 M
CORNER PT #1       : 41-20.251N 070-29.287W
CORNER PT #2       : 40-52.441N 072-15.886W
CORNER PT #3       : 40-12.870N 071-57.369W
CORNER PT #4       : 40-40.404N 070-11.702W
CSP                 : 41-15.820N 070-32.223W
FIRST LEG DIRECTION : 251 T / 265 M
LEG LENGTH          : 78.00 NM
FIRST TURN          : LEFT
CREEP DIRECTION     : 161 T / 175 M
RATE OF CREEP       : 12.99 KTS
TRACK SPACING       : 7.00 NM
MAG VARIATION       : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 502.99 NM
ESP                 : 40-42.624N 070-17.536W
AREA SEARCHED      : 3570.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 11
NUMBER OF LEGS COMPLETED : 11.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : C144
COMMAND            : ASCC
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 231030Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 231430Z SEP 16
SEARCH SPEED       : 150.00 KTS
SENSOR             : RADAR
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 33.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 9.79 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 231027Z SEP 16
ACTUAL EST : 231341Z SEP 16
TIME SEARCHED : 3.23 HRS
AVERAGE SPEED : 157.73 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 10.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 33.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 9.79 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      : 41-41.037N 070-32.180W
START TRANSIT SPEED : 200.00 KTS
START TRANSIT DISTANCE : 25.22 NM
START TRANSIT TIME  : 0.13 HRS
START TIME         : 231019Z SEP 16
+-----+
| ON SCENE |
+-----+
CSP                : 41-15.820N 070-32.223W
CST                : 231027Z SEP 16
TRACK LENGTH       : 502.99 NM
PATTERN SEARCH TIME : 3.23 HRS
ESP                : 40-42.624N 070-17.536W
EST                : 231341Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        : 41-41.197N 070-32.287W
END TRANSIT SPEED  : 200.00 KTS
END TRANSIT DISTANCE : 59.62 NM
END TRANSIT TIME   : 0.30 HRS
END TIME          : 231358Z SEP 16
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 587.82 NM
TOTAL TIME     : 3.66 HRS
    
```

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
T	231019Z SEP 16	41-41.037N 070-32.180W	180	180 T / 195	25.22	25.22	00
1	231027Z SEP 16	41-15.820N 070-32.223W	251	251 T / 266	78.00	103.22	00
2	231056Z SEP 16	40-50.322N 072-09.972W	160	160 T / 174	7.00	110.22	00
3	231059Z SEP 16	40-43.727N 072-06.872W	070	070 T / 084	78.00	188.21	00
4	231129Z SEP 16	41-09.183N 070-29.266W	161	161 T / 176	7.00	195.21	00
5	231131Z SEP 16	41-02.545N 070-26.319W	252	252 T / 266	78.00	273.21	00
6	231201Z SEP 16	40-37.132N 072-03.782W	160	160 T / 174	7.00	280.21	00

7	231203Z	SEP 16	40-30.534N	072-00.702W	070	070 T / 084	78.00	358.21	00
8	231233Z	SEP 16	40-55.906N	070-23.382W	162	162 T / 176	7.00	365.21	00
9	231236Z	SEP 16	40-49.265N	070-20.454W	252	252 T / 266	78.00	443.21	00
10	231306Z	SEP 16	40-23.936N	071-57.632W	161	161 T / 174	7.00	450.21	00
11	231308Z	SEP 16	40-17.336N	071-54.573W	071	071 T / 084	78.00	528.21	00
12	231338Z	SEP 16	40-42.624N	070-17.536W	349	349 T / 004	59.62	587.82	00
T	231356Z	SEP 16	41-41.197N	070-32.287W	-----	-----	-----	587.82	---

PARALLEL SEARCH

```

-----
NAME                : L-2:CAMPBELL-VISUAL
CENTER              : 40-29.400N 070-29.100W
SEARCH AREA LENGTH  : 15.30 NM
SEARCH AREA WIDTH   : 10.00 NM
MAJOR AXIS          : 082 T / 096 M
MINOR AXIS          : 352 T / 006 M
CORNER PT #1       : 40-23.378N 070-38.133W
CORNER PT #2       : 40-25.505N 070-18.234W
CORNER PT #3       : 40-35.410N 070-20.040W
CORNER PT #4       : 40-33.278N 070-39.987W
CSP                 : 40-26.205N 070-35.343W
FIRST LEG DIRECTION : 082 T / 096 M
LEG LENGTH          : 10.30 NM
FIRST TURN          : LEFT
CREEP DIRECTION     : 352 T / 006 M
RATE OF CREEP       : 2.27 KTS
TRACK SPACING       : 5.00 NM
MAG VARIATION       : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 25.60 NM
ESP                 : 40-31.155N 070-36.266W
AREA SEARCHED      : 153.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 3
NUMBER OF LEGS COMPLETED : 3.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CAMPBELL
COMMAND            :
SRU TYPE           : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 231200Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 231600Z SEP 16
SEARCH SPEED       : 9.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.50 NM
SPORT BOATS - CENTER CONSOLE 5.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 2.36 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 231304Z SEP 16
ACTUAL EST : 231728Z SEP 16
TIME SEARCHED : 4.40 HRS
AVERAGE SPEED : 6.95 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 0.99
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 5.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 0.69
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 2.36 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |

-----+
START POSITION :
START TRANSIT SPEED : 9.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :

-----+
| ON SCENE |

-----+
CSP : 40-26.205N 070-35.343W
CST : 231304Z SEP 16
TRACK LENGTH : 25.60 NM
PATTERN SEARCH TIME : 4.40 HRS
!! WARNING !! : PATTERN SEARCH TIME (4.40 HRS) IS MORE THAN AVAILABLE SEARCH TIME (4.
ESP : 40-31.155N 070-36.266W
EST : 231728Z SEP 16

-----+
| ENDING TRANSIT LEG |

-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
 | TOTALS |
 +-----+

TOTAL DISTANCE : 25.60 NM
 TOTAL TIME : 4.40 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	231304Z	SEP	16	40-26.205N 070-35.343W	082	082 T / 096	10.30	10.30	01
2	231432Z	SEP	16	40-27.637N 070-21.940W	352	352 T / 007	5.00	15.30	00
3	231515Z	SEP	16	40-32.590N 070-22.847W	262	262 T / 277	10.30	25.60	01
4	231644Z	SEP	16	40-31.155N 070-36.266W	-----	-----	-----	25.60	---

PARALLEL SEARCH

```

-----
NAME                : L-3:SITKINAK-VISUAL
CENTER              : 40-47.500N 071-21.400W
SEARCH AREA LENGTH  : 11.50 NM
SEARCH AREA WIDTH   : 10.00 NM
MAJOR AXIS          : 178 T / 192 M
MINOR AXIS          : 268 T / 282 M
CORNER PT #1       : 40-53.418N 071-15.055W
CORNER PT #2       : 40-53.069N 071-28.275W
CORNER PT #3       : 40-41.576N 071-27.726W
CORNER PT #4       : 40-41.925N 071-14.544W
CSP                 : 40-50.835N 071-18.247W
FIRST LEG DIRECTION : 178 T / 192 M
LEG LENGTH          : 6.50 NM
FIRST TURN          : RIGHT
CREEP DIRECTION     : 268 T / 282 M
RATE OF CREEP       : 7.79 KTS
TRACK SPACING       : 5.00 NM
MAG VARIATION       : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 18.00 NM
ESP                 : 40-50.660N 071-24.853W
AREA SEARCHED      : 115.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 3
NUMBER OF LEGS COMPLETED : 3.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : SITKINAK
COMMAND            :
SRU TYPE           : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 231300Z SEP 16
ON SCENE ENDURANCE : 3.00 HRS
EST                : 231600Z SEP 16
SEARCH SPEED       : 9.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.50 NM
SPORT BOATS - CENTER CONSOLE 5.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 2.36 NM

+-----+
| POST-SEARCH |
+-----+
ACTUAL CST : 231422Z SEP 16
ACTUAL EST : 231539Z SEP 16
TIME SEARCHED : 1.28 HRS
AVERAGE SPEED : 17.92 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE	

SENSOR	: VISUAL
SRU	: VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 0.99
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 5.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 0.69
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 2.36 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 9.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-50.835N 071-18.247W
CST : 231422Z SEP 16
TRACK LENGTH : 18.00 NM
PATTERN SEARCH TIME : 1.28 HRS
ESP : 40-50.660N 071-24.853W
EST : 231539Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 18.00 NM

TOTAL TIME : 1.28 HRS

EVALUATE

REVIEWED : YES

COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	231422Z	SEP	16	40-50.835N 071-18.247W	178	178 T / 192	6.50	6.50	00
2	231443Z	SEP	16	40-44.338N 071-17.953W	268	268 T / 282	5.00	11.50	00
3	231500Z	SEP	16	40-44.164N 071-24.548W	358	358 T / 012	6.50	18.00	00
4	231522Z	SEP	16	40-50.660N 071-24.853W	-----	-----	-----	18.00	---

TRACK LINE SEARCH

```

-----
NAME           : L-4:N429FS-VISUAL
PASSES        : 1
TRACK SPACING  : 2.40 NM
FIRST TURN    : RIGHT
CSP           : 40-46.600N 072-37.947W
MAG VARIATION : 14 W
WAYPOINTS     :
1: 40-46.600N 072-37.947W
2: 40-54.694N 072-10.438W
3: 41-02.226N 071-50.562W
4: 41-11.759N 071-48.631W
5: 41-21.442N 071-15.831W
6: 41-10.359N 071-05.563W
7: 40-57.315N 071-41.489W
8: 40-42.876N 072-32.762W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 160.21 NM
ESP                : 40-42.876N 072-32.762W
AREA SEARCHED     : 424.82 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : N429FS
COMMAND            :
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : NONE
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 231400Z SEP 16
ON SCENE ENDURANCE : 2.00 HRS
EST                : 231600Z SEP 16
SEARCH SPEED       : 100.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER  : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+
          NAME                               SWEEP WIDTH
-----
PIW WITHOUT PFD (AVERAGE)                   0.01 NM
SPORT BOATS - CENTER CONSOLE                 5.90 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE   1.15 NM
  
```

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 231400Z SEP 16
ACTUAL EST : 231609Z SEP 16
TIME SEARCHED : 2.15 HRS
AVERAGE SPEED : 74.59 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 100.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.00 NM
X WEATHER CORRECTION FACTOR : 0.99
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.20
= CORRECTED: 0.01 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 100.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.36 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 5.90 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

```

-----
SEARCH OBJECT      : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
  (ID)             : 11
TYPE              : RAFT
CAPACITY          : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH           : 6 FT
BEAM             : 5 FT
HEIGHT           : 3 FT
  
```

SRU CHARACTERISTICS

```

-----
SEARCH SPEED      : 100.00 KTS
CREW FATIGUE     : NO
SEARCH ALTITUDE  : 1500 FT
NIGHT AS DAY     : NO
  
```

SWEEP WIDTHS

```

-----
UNCORRECTED: 1.50 NM
X WEATHER CORRECTION FACTOR : 0.69
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 1.15 NM
  
```

TRANSITS SUMMARY

```

-----
+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 100.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP               : 40-46.600N 072-37.947W
CST               : 231400Z SEP 16
TRACK LENGTH      : 160.21 NM
PATTERN SEARCH TIME : 2.15 HRS
!! WARNING !!    : PATTERN SEARCH TIME (2.15 HRS) IS MORE THAN AVAILABLE SEARCH TIME (2.
ESP               : 40-42.876N 072-32.762W
EST               : 231609Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
  
```

+-----+
TOTAL DISTANCE : 160.21 NM
TOTAL TIME : 2.15 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	231400Z SEP 16	40-46.600N 072-37.947W	069	069 T / 082	22.33	22.33	00
2	231417Z SEP 16	40-54.694N 072-10.438W	063	063 T / 077	16.79	39.12	00
3	231431Z SEP 16	41-02.226N 071-50.562W	009	009 T / 023	9.64	48.76	00
4	231439Z SEP 16	41-11.759N 071-48.631W	068	068 T / 082	26.48	75.25	00
5	231500Z SEP 16	41-21.442N 071-15.831W	145	145 T / 159	13.51	88.75	00
6	231511Z SEP 16	41-10.359N 071-05.563W	244	244 T / 259	30.06	118.82	00
7	231535Z SEP 16	40-57.315N 071-41.489W	250	250 T / 264	41.39	160.21	00
8	231608Z SEP 16	40-42.876N 072-32.762W	-----	-----	-----	160.21	---

PARALLEL SEARCH

```

-----
NAME           : K-3:SITKINAK-VISUAL
CENTER        : 41-17.700N 071-12.900W
SEARCH AREA LENGTH : 20.40 NM
SEARCH AREA WIDTH  : 12.00 NM
MAJOR AXIS      : 270 T / 284 M
MINOR AXIS      : 180 T / 194 M
CORNER PT #1    : 41-23.687N 070-59.303W
CORNER PT #2    : 41-23.687N 071-26.497W
CORNER PT #3    : 41-11.687N 071-26.455W
CORNER PT.#4   : 41-11.687N 070-59.345W
CSP           : 41-21.691N 071-01.975W
FIRST LEG DIRECTION : 270 T / 284 M
LEG LENGTH     : 16.40 NM
FIRST TURN     : LEFT
CREEP DIRECTION : 180 T / 194 M
RATE OF CREEP  : 2.14 KTS
TRACK SPACING  : 4.00 NM
MAG VARIATION  : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH       : 57.20 NM
ESP                : 41-13.691N 071-23.803W
AREA SEARCHED     : 244.80 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 5
NUMBER OF LEGS COMPLETED : 5.00
PERCENT COMPLETED       : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : SITKINAK
COMMAND           :
SRU TYPE          : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM    : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST           : 230015Z SEP 16
ON SCENE ENDURANCE : 6.00 HRS
EST           : 230615Z SEP 16
SEARCH SPEED   : 12.00 KTS
SENSOR        : VISUAL
ON SCENE WEATHER : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                               SWEEP WIDTH
-----

```


PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.60 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.34 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 230015Z SEP 16
ACTUAL EST : 230551Z SEP 16
TIME SEARCHED : 5.60 HRS
AVERAGE SPEED : 10.93 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 0 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.60 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.34 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-21.691N 071-01.975W
CST : 230015Z SEP 16
TRACK LENGTH : 57.20 NM
PATTERN SEARCH TIME : 5.60 HRS
ESP : 41-13.691N 071-23.803W
EST : 230551Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 57.20 NM

TOTAL TIME : 5.60 HRS

EVALUATE

REVIEWED : YES

COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	230015Z SEP 16	41-21.691N 071-01.975W	270	270 T / 285	16.40	16.40	01
2	230145Z SEP 16	41-21.691N 071-23.825W	180	180 T / 194	4.00	20.40	00
3	230206Z SEP 16	41-17.691N 071-23.814W	090	090 T / 104	16.40	36.80	01
4	230337Z SEP 16	41-17.691N 071-01.986W	180	180 T / 195	4.00	40.80	00
5	230358Z SEP 16	41-13.691N 071-01.997W	270	270 T / 285	16.40	57.20	01
6	230529Z SEP 16	41-13.691N 071-23.803W	-----	-----	-----	57.20	---

PARALLEL SEARCH

NAME : K-4:SITKINAK-VISUAL
CENTER : 41-01.500N 071-16.900W
SEARCH AREA LENGTH : 19.50 NM
SEARCH AREA WIDTH : 14.70 NM
MAJOR AXIS : 090 T / 104 M
MINOR AXIS : 180 T / 194 M
CORNER PT #1 : 41-08.838N 071-29.781W
CORNER PT #2 : 40-54.138N 071-29.734W
CORNER PT #3 : 40-54.138N 071-04.066W
CORNER PT #4 : 41-08.838N 071-04.019W
CSP : 41-06.393N 071-26.522W
FIRST LEG DIRECTION : 090 T / 104 M
LEG LENGTH : 14.60 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 180 T / 194 M
RATE OF CREEP : 2.79 KTS
TRACK SPACING : 4.90 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |

-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 53.30 NM
ESP : 40-56.593N 071-07.302W
AREA SEARCHED : 286.65 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |

-----+
TOTAL NUMBER OF LEGS : 5
NUMBER OF LEGS COMPLETED : 5.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : SITKINAK
COMMAND :
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |

-----+
CST : 230630Z SEP 16
ON SCENE ENDURANCE : 5.75 HRS
EST : 231215Z SEP 16
SEARCH SPEED : 12.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |

-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.60 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.34 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 230630Z SEP 16
ACTUAL EST : 231146Z SEP 16
TIME SEARCHED : 5.27 HRS
AVERAGE SPEED : 11.11 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 0 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE	

SENSOR	: VISUAL
SRU	: VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.60 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.34 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-06.393N 071-26.522W
CST : 230630Z SEP 16
TRACK LENGTH : 53.30 NM
PATTERN SEARCH TIME : 5.27 HRS
ESP : 40-56.593N 071-07.302W
EST : 231146Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 53.30 NM
 TOTAL TIME : 5.27 HRS

EVALUATE

REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	230630Z	SEP	16	41-06.393N 071-26.522W	090	090 T / 104	14.50	14.50	01
2	230748Z	SEP	16	41-06.393N 071-07.278W	180	180 T / 194	4.90	19.40	00
3	230814Z	SEP	16	41-01.493N 071-07.290W	270	270 T / 284	14.50	33.90	01
4	230933Z	SEP	16	41-01.493N 071-26.510W	180	180 T / 194	4.90	38.80	00
5	230959Z	SEP	16	40-56.593N 071-26.498W	090	090 T / 104	14.50	53.30	01
6	231117Z	SEP	16	40-56.593N 071-07.302W	-----	-----	-----	53.30	---

PARALLEL SEARCH

```

-----
NAME                : K-5:CAMPBELL-VISUAL
CENTER              : 40-41.000N 071-28.600W
SEARCH AREA LENGTH  : 20.40 NM
SEARCH AREA WIDTH   : 18.90 NM
MAJOR AXIS          : 181 T / 195 M
MINOR AXIS          : 091 T / 105 M
CORNER PT #1       : 40-51.353N 071-40.857W
CORNER PT #2       : 40-30.955N 071-41.263W
CORNER PT #3       : 40-30.626N 071-16.407W
CORNER PT #4       : 40-51.022N 071-15.874W
CSP                 : 40-48.154N 071-36.759W
FIRST LEG DIRECTION : 181 T / 195 M
LEG LENGTH          : 14.10 NM
FIRST TURN          : LEFT
CREEP DIRECTION     : 091 T / 105 M
RATE OF CREEP       : 3.52 KTS
TRACK SPACING       : 6.30 NM
MAG VARIATION       : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 54.90 NM
ESP                 : 40-33.836N 071-20.470W
AREA SEARCHED      : 385.56 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 5
NUMBER OF LEGS COMPLETED : 5.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CAMPBELL
COMMAND            :
SRU TYPE           : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 222330Z SEP 16
ON SCENE ENDURANCE : 6.00 HRS
EST                : 230530Z SEP 16
SEARCH SPEED       : 12.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.60 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.34 NM

```
+-----+  
| POST-SEARCH |  
+-----+  
ACTUAL CST : 222330Z SEP 16  
ACTUAL EST : 230452Z SEP 16  
TIME SEARCHED : 5.37 HRS  
AVERAGE SPEED : 11.40 KTS
```

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY : 10.00 NM  
WIND SPEED : 5.00 KTS  
SEA HEIGHT : 2 FT  
CLOUD CEILING : 0 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+  
  
VIEW SWEEP WIDTH : SEARCH OBJECT #1  
=====
```

MODE

SENSOR : VISUAL
SRU : VESSEL

```
ON SCENE WEATHER  
-----  
VISIBILITY : 10.00 NM  
WIND SPEED : 5.00 KTS  
SEA HEIGHT : 2 FT
```

```
SEARCH OBJECT CHARACTERISTICS  
-----  
SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)  
                  (ID) : 69  
TYPE :  
LENGTH : 1 FT  
BEAM : 2 FT  
HEIGHT : 1 FT
```

```
SRU CHARACTERISTICS  
-----  
SEARCH SPEED : 12.00 KTS  
CREW FATIGUE : NO
```

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.60 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.34 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
-----+
| ON SCENE |
-----+
CSP : 40-48.154N 071-36.759W
CST : 222330Z SEP 16
TRACK LENGTH : 54.90 NM
PATTERN SEARCH TIME : 5.37 HRS
ESP : 40-33.836N 071-20.470W
EST : 230452Z SEP 16
-----+
| ENDING TRANSIT LEG |
-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
-----+

| TOTALS |

+-----+
 TOTAL DISTANCE : 54.90 NM
 TOTAL TIME : 5.37 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	222330Z SEP 16	40-48.154N 071-36.759W	181	181 T / 195	14.10	14.10	01
2	230044Z SEP 16	40-34.056N 071-37.054W	091	091 T / 105	6.30	20.40	00
3	230117Z SEP 16	40-33.951N 071-28.762W	001	001 T / 015	14.10	34.50	01
4	230231Z SEP 16	40-48.049N 071-28.437W	091	091 T / 105	6.30	40.80	00
5	230304Z SEP 16	40-47.934N 071-20.117W	181	181 T / 195	14.10	54.90	01
6	230418Z SEP 16	40-33.836N 071-20.470W	-----	-----	-----	54.90	---

TRACK LINE SEARCH

NAME : G-4:SITKINAK-VISUAL
PASSES : 1
TRACK SPACING : 6.60 NM
FIRST TURN : LEFT
CSP : 40-07.278N 072-59.192W
MAG VARIATION : 13 W
WAYPOINTS :
1: 40-07.278N 072-59.192W
2: 40-14.935N 071-34.341W
3: 40-27.481N 071-36.480W

+-----+
| ACTUAL SEARCH |

+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 77.92 NM
ESP : 40-27.481N 071-36.480W
AREA SEARCHED : 601.42 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |

+-----+
TOTAL NUMBER OF LEGS : 2
NUMBER OF LEGS COMPLETED : 2.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : SITKINAK
COMMAND : SRC 2
SRU TYPE : BOAT (< 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |

+-----+
CST : 211200Z SEP 16
ON SCENE ENDURANCE : 10.00 HRS
EST : 212200Z SEP 16
SEARCH SPEED : 9.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |

+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.30 NM
SPORT BOATS - CENTER CONSOLE 3.84 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.75 NM

+-----+
| POST-SEARCH |

ACTUAL CST : 211200Z SEP 16
ACTUAL EST : 212200Z SEP 16
TIME SEARCHED : 10.00 HRS
AVERAGE SPEED : 7.80 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY : 7.00 NM  
WIND SPEED : 17.00 KTS  
SEA HEIGHT : 2 FT  
CLOUD CEILING : 3000 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+  
  
VIEW SWEEP WIDTH : SEARCH OBJECT #1  
=====
```

```
MODE  
-----  
SENSOR : VISUAL  
SRU : VESSEL
```

```
ON SCENE WEATHER  
-----  
VISIBILITY : 7.00 NM  
WIND SPEED : 17.00 KTS  
SEA HEIGHT : 2 FT
```

```
SEARCH OBJECT CHARACTERISTICS  
-----  
SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)  
                  (ID) : 69  
TYPE :  
LENGTH : 1 FT  
BEAM : 2 FT  
HEIGHT : 1 FT
```

```
SRU CHARACTERISTICS  
-----  
SEARCH SPEED : 9.00 KTS  
CREW FATIGUE : NO  
SEARCH ALTITUDE : N/A  
NIGHT AS DAY : NO
```

```
SWEEP WIDTHS  
-----  
UNCORRECTED: 0.30 NM  
X WEATHER CORRECTION FACTOR : 1.00  
X FATIGUE CORRECTION FACTOR : 1.00
```


X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.30 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.84 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 3.84 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT

CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 2.27 NM
X WEATHER CORRECTION FACTOR : 0.77
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 1.75 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 9.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-07.278N 072-59.192W
CST : 211200Z SEP 16
TRACK LENGTH : 77.92 NM
PATTERN SEARCH TIME : 10.00 HRS
ESP : 40-27.481N 071-36.480W
EST : 212200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 77.92 NM
TOTAL TIME : 10.00 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS : CGC SITKINAK IS STILL CONDUCTING THE PATTERN

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	211200Z SEP 16	40-07.278N 072-59.192W	083	083 T / 096	65.27	65.27	08
2	212022Z SEP 16	40-14.935N 071-34.341W	353	353 T / 007	12.65	77.92	01
3	212159Z SEP 16	40-27.481N 071-36.480W	-----	-----	-----	77.92	---

PARALLEL SEARCH

```

-----
NAME                : G-5:CGR 2317-RADAR
CENTER              : 40-34.500N 070-23.000W
SEARCH AREA LENGTH  : 102.00 NM
SEARCH AREA WIDTH   : 30.00 NM
MAJOR AXIS          : 164 T / 179 M
MINOR AXIS          : 074 T / 089 M
CORNER PT #1       : 41-19.286N 071-00.916W
CORNER PT #2       : 39-41.342N 070-23.470W
CORNER PT #3       : 39-49.512N 069-45.923W
CORNER PT #4       : 41-27.658N 070-22.518W
CSP                 : 41-17.255N 070-55.958W
FIRST LEG DIRECTION : 164 T / 179 M
LEG LENGTH          : 96.00 NM
FIRST TURN          : LEFT
CREEP DIRECTION    : 074 T / 089 M
RATE OF CREEP      : 3.96 KTS
TRACK SPACING       : 6.00 NM
MAG VARIATION       : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH        : 503.99 NM
ESP                 : 39-51.593N 069-50.738W
AREA SEARCHED       : 3060.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 9
NUMBER OF LEGS COMPLETED : 9.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CGR 2317
COMMAND            : ASCC
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 211200Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 211600Z SEP 16
SEARCH SPEED       : 150.00 KTS
SENSOR             : RADAR
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 33.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 9.79 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 210930Z SEP 16
ACTUAL EST : 211705Z SEP 16
TIME SEARCHED : 7.58 HRS
AVERAGE SPEED : 67.25 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 10.00 KTS
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 33.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 9.79 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 41-17.255N 070-55.958W
CST                : 210930Z SEP 16
TRACK LENGTH       : 503.99 NM
PATTERN SEARCH TIME : 7.58 HRS
!! WARNING !!      : PATTERN SEARCH TIME (7.58 HRS) IS MORE THAN AVAILABLE SEARCH TIME (4.
ESP                : 39-51.593N 069-50.738W
EST                : 211705Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 503.99 NM
TOTAL TIME     : 7.58 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	210930Z SEP 16	41-17.255N 070-55.958W	164	164 T / 178	96.00	96.00	01
2	211055Z SEP 16	39-45.052N 070-20.795W	074	074 T / 088	6.00	102.00	00
3	211100Z SEP 16	39-46.700N 070-13.290W	344	344 T / 359	96.00	198.00	01
4	211226Z SEP 16	41-18.940N 070-48.293W	074	074 T / 088	6.00	204.00	00
5	211231Z SEP 16	41-20.618N 070-40.622W	164	164 T / 178	96.00	299.99	01
6	211357Z SEP 16	39-48.339N 070-05.778W	074	074 T / 089	6.00	305.99	00

7	211402Z	SEP 16	39-49.970N	069-58.261W	344	344 T / 359	96.00	401.99	01
8	211528Z	SEP 16	41-22.287N	070-32.944W	074	074 T / 089	6.00	407.99	00
9	211533Z	SEP 16	41-23.947N	070-25.260W	164	164 T / 179	96.00	503.99	01
10	211659Z	SEP 16	39-51.593N	069-50.738W	-----	-----	-----	503.99	---

PARALLEL SEARCH

```

-----
NAME : G-6;CGR 2317-RADAR
CENTER : 40-39.500N 069-24.300W
SEARCH AREA LENGTH : 85.00 NM
SEARCH AREA WIDTH : 57.00 NM
MAJOR AXIS : 164 T / 179 M
MINOR AXIS : 074 T / 089 M
CORNER PT #1 : 41-12.304N 070-16.283W
CORNER PT #2 : 39-50.761N 069-44.724W
CORNER PT #3 : 40-06.314N 068-33.167W
CORNER PT #4 : 41-28.177N 069-03.373W
CSP : 41-09.101N 070-08.438W
FIRST LEG DIRECTION : 164 T / 179 M
LEG LENGTH : 75.50 NM
FIRST TURN : LEFT
CREEP DIRECTION : 074 T / 089 M
RATE OF CREEP : 14.25 KTS
TRACK SPACING : 9.50 NM
MAG VARIATION : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 500.49 NM
ESP : 41-22.314N 069-07.744W
AREA SEARCHED : 4845.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 11
NUMBER OF LEGS COMPLETED : 11.00
PERCENT COMPLETED : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CGR 2317
COMMAND : ASCC
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+
CST : 211800Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST : 212200Z SEP 16
SEARCH SPEED : 150.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 33.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 9.79 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 211800Z SEP 16
ACTUAL EST : 212200Z SEP 16
TIME SEARCHED : 4.00 HRS
AVERAGE SPEED : 127.50 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 10.00 KTS
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 33.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 9.79 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME  :
START TIME         :
+-----+
| ON SCENE |
+-----+
CSP                : 41-09.101N 070-08.438W
CST                : 211800Z SEP 16
TRACK LENGTH       : 500.49 NM
PATTERN SEARCH TIME : 4.00 HRS
ESP                : 41-22.314N 069-07.744W
EST                : 212200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME         :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 500.49 NM
TOTAL TIME     : 4.00 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS : CGR 2317 IS STILL CONDUCTING THE PATTERN

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	211800Z SEP 16	41-09.101N 070-08.438W	164	164 T / 178	75.50	75.50	00
2	211835Z SEP 16	39-56.648N 069-40.505W	074	074 T / 088	9.50	85.00	00
3	211839Z SEP 16	39-59.284N 069-28.597W	344	344 T / 359	75.50	160.50	00
4	211915Z SEP 16	41-11.786N 069-56.332W	074	074 T / 089	9.50	170.00	00
5	211919Z SEP 16	41-14.450N 069-44.210W	164	164 T / 179	75.50	245.50	00
6	211955Z SEP 16	40-01.899N 069-16.674W	074	074 T / 089	9.50	255.00	00
7	211959Z SEP 16	40-04.494N 069-04.735W	344	344 T / 359	75.50	330.49	00

8	212035Z	SEP 16	41-17.092N	069-32.071W	074	074 T / 089	9.50	339.99	00
9	212039Z	SEP 16	41-19.714N	069-19.915W	164	164 T / 179	75.50	415.49	00
10	212115Z	SEP 16	40-07.069N	068-52.782W	074	074 T / 089	9.50	424.99	00
11	212119Z	SEP 16	40-09.623N	068-40.813W	344	344 T / 360	75.50	500.49	00
12	212155Z	SEP 16	41-22.314N	069-07.744W	-----	-----	-----	500.49	---

TRACK LINE SEARCH

```

-----
NAME           : G-7:CGC CAMPBELL-VISUAL
PASSES        : 1
TRACK SPACING  : 4.80 NM
FIRST TURN    : RIGHT
CSP           : 39-20.483N 071-37.193W
MAG VARIATION : 14 W
WAYPOINTS     :
1: 39-20.483N 071-37.193W
2: 39-42.016N 071-36.123W
3: 39-56.038N 071-27.566W
4: 39-59.604N 071-50.027W
5: 39-46.145N 071-58.940W
6: 39-54.116N 072-21.757W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 60 %
TRACK LENGTH       : 53.38 NM
ESP                : 39-59.355N 071-48.443W
AREA SEARCHED     : 325.33 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 5
NUMBER OF LEGS COMPLETED : 2.93
PERCENT COMPLETED       : 60 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CGC CAMPBELL
COMMAND           :
SRU TYPE          : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM    : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 211200Z SEP 16
ON SCENE ENDURANCE : 10.50 HRS
EST                : 212230Z SEP 16
SEARCH SPEED       : 10.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.50 NM
SPORT BOATS - CENTER CONSOLE	5.01 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	3.03 NM

```
+-----+
| POST-SEARCH |
+-----+
ACTUAL CST      : 211200Z SEP 16
ACTUAL EST      : 212020Z SEP 16
TIME SEARCHED  : 8.33 HRS
AVERAGE SPEED  : 6.41 KTS
```

```
+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY      : 7.00 NM
WIND SPEED      : 10.00 KTS
SEA HEIGHT      : 2 FT
CLOUD CEILING   : 3000 FT
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE    : NO
```

```
+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+
```

```
VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====
MODE
----
SENSOR : VISUAL
SRU    : VESSEL
```

```
ON SCENE WEATHER
-----
VISIBILITY : 7.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 2 FT
```

```
SEARCH OBJECT CHARACTERISTICS
-----
SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
              (ID) : 69
TYPE          :
LENGTH       : 1 FT
BEAM        : 2 FT
HEIGHT      : 1 FT
```

```
SRU CHARACTERISTICS
-----
SEARCH SPEED   : 10.00 KTS
CREW FATIGUE   : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY   : NO
```

```
SWEEP WIDTHS
-----
```

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 10.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.01 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 5.01 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 10.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.03 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 3.03 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 10.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 39-20.483N 071-37.193W
CST : 211200Z SEP 16
TRACK LENGTH : 53.38 NM
PATTERN SEARCH TIME : 8.33 HRS
ESP : 39-59.355N 071-48.443W
EST : 212020Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 53.38 NM
TOTAL TIME : 8.33 HRS

EVALUATE

REVIEWED : YES

COMMENTS : CGC CAMPBELL IS STILL CONDUCTING THE PATTERN-CAMPBELL DIVERTED FOR OTHER SAR

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	211200Z SEP 16	39-20.483N 071-37.193W	002	002 T / 016	21.55	21.55	03
2	211521Z SEP 16	39-42.016N 071-36.123W	025	025 T / 039	15.49	37.03	02
3	211746Z SEP 16	39-56.038N 071-27.566W	282	282 T / 296	16.34	53.38	02
4	212019Z SEP 16	39-59.355N 071-48.443W				53.38	

TRACK LINE SEARCH

NAME : F-1:CAMPBELL-VISUAL
PASSES : 1
TRACK SPACING : 1.00 NM
FIRST TURN : LEFT
CSP : 39-44.000N 071-55.679W
MAG VARIATION : 14 W
WAYPOINTS :
1: 39-44.000N 071-55.679W
2: 39-27.463N 072-11.556W
3: 39-35.202N 072-42.159W
4: 39-50.637N 072-49.654W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 20 %
TRACK LENGTH : 12.38 NM
ESP : 39-34.053N 072-05.248W
AREA SEARCHED : 12.98 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 3
NUMBER OF LEGS COMPLETED : 0.60
PERCENT COMPLETED : 20 %

SRU

SRU ID (TAIL/HULL) : CAMPBELL
COMMAND : CTU
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 201730Z SEP 16
ON SCENE ENDURANCE : 10.00 HRS
EST : 210330Z SEP 16
SEARCH SPEED : 8.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.50 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.23 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 202030Z SEP 16
ACTUAL EST : 210030Z SEP 16
TIME SEARCHED : 4.00 HRS
AVERAGE SPEED : 3.10 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 0 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00

X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.01 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11

TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.03 NM
X WEATHER CORRECTION FACTOR : 0.77
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.23 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 8.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 39-44.000N 071-55.679W
CST : 202030Z SEP 16
TRACK LENGTH : 12.38 NM
PATTERN SEARCH TIME : 4.00 HRS
ESP : 39-34.053N 072-05.248W
EST : 210030Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 12.38 NM
TOTAL TIME : 4.00 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	202030Z SEP 16	39-44.000N 071-55.679W	217	217 T / 230	12.38	12.38	03
2	210029Z SEP 16	39-34.053N 072-05.248W				12.38	

CREEPING LINE SEARCH

-----+
NAME : F-2:65XX-VISUAL
CENTER : 40-17.600N 073-41.100W
SEARCH AREA LENGTH : 23.60 NM
SEARCH AREA WIDTH : 19.10 NM
MAJOR AXIS : 010 T / 023 M
MINOR AXIS : 100 T / 113 M
CORNER PT #1 : 40-07.622N 073-56.080W
CORNER PT #2 : 40-04.314N 073-31.488W
CORNER PT #3 : 40-27.546N 073-26.046W
CORNER PT #4 : 40-30.872N 073-50.776W
CSP : 40-10.023N 073-51.617W
FIRST LEG DIRECTION : 100 T / 113 M
LEG LENGTH : 13.20 NM
FIRST TURN : LEFT
CREEP DIRECTION : 010 T / 023 M
RATE OF CREEP : 23.60 KTS
TRACK SPACING : 5.90 NM
MAG VARIATION : 13 W

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 70.50 NM
ESP : 40-27.459N 073-47.623W
AREA SEARCHED : 450.76 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : 65XX
COMMAND : ASCC
SRU TYPE : HELO
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+

CST : 201900Z SEP 16
ON SCENE ENDURANCE : 1.00 HRS
EST : 202000Z SEP 16
SEARCH SPEED : 90.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.10 NM
SPORT BOATS - CENTER CONSOLE 5.02 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.26 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 201900Z SEP 16
ACTUAL EST : 202000Z SEP 16
TIME SEARCHED : 1.00 HRS
AVERAGE SPEED : 76.40 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 750 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS

CREW FATIGUE : NO
SEARCH ALTITUDE : 750 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.10 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 750 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 0.98
= CORRECTED: 5.02 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 750 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 1.63 NM
X WEATHER CORRECTION FACTOR : 0.77
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 1.26 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 90.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-10.023N 073-51.617W
CST : 201900Z SEP 16
TRACK LENGTH : 70.50 NM
PATTERN SEARCH TIME : 1.00 HRS
ESP : 40-27.459N 073-47.623W
EST : 202000Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
 | TOTALS |
 +-----+

TOTAL DISTANCE : 70.50 NM
 TOTAL TIME : 1.00 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201900Z SEP 16	40-10.023N 073-51.617W	100	100 T / 113	13.20	13.20	00
2	201910Z SEP 16	40-07.735N 073-34.609W	010	010 T / 023	5.90	19.10	00
3	201914Z SEP 16	40-13.544N 073-33.258W	280	280 T / 293	13.20	32.30	00
4	201925Z SEP 16	40-15.835N 073-50.289W	010	010 T / 023	5.90	38.20	00
5	201929Z SEP 16	40-21.647N 073-48.958W	100	100 T / 113	13.20	51.40	00
6	201940Z SEP 16	40-19.353N 073-31.903W	010	010 T / 023	5.90	57.30	00
7	201944Z SEP 16	40-25.161N 073-30.544W	280	280 T / 293	13.20	70.50	00
8	201955Z SEP 16	40-27.459N 073-47.623W	-----	-----	-----	70.50	---

TRACK LINE SEARCH

```

-----
NAME       : F-1:HC 144-RADAR
PASSES    : 1
TRACK SPACING : 3.20 NM
FIRST TURN : RIGHT
CSP       : 41-23.402N 071-34.610W
MAG VARIATION : 14 W
WAYPOINTS :
1: 41-23.402N 071-34.610W
2: 39-26.188N 072-11.496W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 120.53 NM
ESP                : 39-26.188N 072-11.496W
AREA SEARCHED     : 395.94 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : HC 144
COMMAND           : ASCC
SRU TYPE          : FIXED-WING
RADAR PLATFORM    : HC_144A
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST           : 201630Z SEP 16
ON SCENE ENDURANCE : 1.00 HRS
EST           : 201730Z SEP 16
SEARCH SPEED   : 150.00 KTS
SENSOR         : RADAR
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.00 NM
SPORT BOATS - CENTER CONSOLE	15.38 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	1.01 NM

```

+-----+
| POST-SEARCH |
+-----+
ACTUAL CST      : 201651Z SEP 16
  
```

ACTUAL EST : 201730Z SEP 16
TIME SEARCHED : 0.65 HRS
AVERAGE SPEED : 185.62 KTS

```
+-----+  
| ON SCENE WEATHER (RADAR) |  
+-----+  
WIND SPEED      : 17.00 KTS  
CLOUD CEILING   : 3000 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (RADAR) |  
+-----+  
CREW FATIGUE    : NO  
SEARCH ALTITUDE : 500 FT  
RADAR PLATFORM  : HC_144A  
RADAR MODE      : ESTD 60 DS32
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+
```

VIEW SWEEP WIDTH : SEARCH OBJECT #1

```
=====
```

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

```
-----  
WIND SPEED : 17.00 KTS
```

SEARCH OBJECT CHARACTERISTICS

```
-----  
SEARCH OBJECT      : PIW WITHOUT PFD (AVERAGE)  
  (ID)             : 69  
TYPE               :  
HAS RADAR REFLECTOR : NO
```

SRU CHARACTERISTICS

```
-----  
CREW FATIGUE      : NO  
SEARCH ALTITUDE   : 500 FT  
NIGHT AS DAY      : NO  
RADAR PLATFORM    : HC_144A  
RADAR MODE        : ESTD 60 DS32
```

SWEEP WIDTHS

```
-----  
CORRECTED : 0.00 NM
```

VIEW SWEEP WIDTH : SEARCH OBJECT #2

```
=====
```

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 15.38 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 1.01 NM

TRANSITS SUMMARY

```

-----
+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 41-23.402N 071-34.610W
CST                : 201651Z SEP 16
TRACK LENGTH      : 120.53 NM
PATTERN SEARCH TIME : 0.65 HRS
ESP               : 39-26.188N 072-11.496W
EST               : 201730Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION       :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME        :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 120.53 NM
TOTAL TIME    : 0.65 HRS

```

EVALUATE

```

-----
REVIEWED : YES
COMMENTS :

```

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201651Z SEP 16	41-23.402N 071-34.610W	194	194 T / 208	120.53	120.53	00
2	201729Z SEP 16	39-26.188N 072-11.496W	-----	-----	-----	120.53	---

PARALLEL SEARCH

NAME : F-2:HC 144-RADAR
CENTER : 39-56.300N 071-49.200W
SEARCH AREA LENGTH : 102.00 NM
SEARCH AREA WIDTH : 70.00 NM
MAJOR AXIS : 066 T / 080 M
MINOR AXIS : 336 T / 350 M
CORNER PT #1 : 39-03.459N 072-30.865W
CORNER PT #2 : 39-44.621N 070-30.092W
CORNER PT #3 : 40-48.886N 071-06.451W
CORNER PT #4 : 40-07.078N 073-08.742W
CSP : 39-12.726N 072-26.378W
FIRST LEG DIRECTION : 066 T / 080 M
LEG LENGTH : 88.00 NM
FIRST TURN : LEFT
CREEP DIRECTION : 336 T / 350 M
RATE OF CREEP : 5.10 KTS
TRACK SPACING : 14.00 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 25 %
TRACK LENGTH : 124.00 NM
ESP : 39-52.377N 071-15.594W
AREA SEARCHED : 1785.00 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 9
NUMBER OF LEGS COMPLETED : 2.25
PERCENT COMPLETED : 25 %

SRU

SRU ID (TAIL/HULL) : HC 144
COMMAND : ASCC
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_144A

+-----+
| PRE-SEARCH |
+-----+
CST : 201800Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST : 202200Z SEP 16
SEARCH SPEED : 150.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 15.38 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.01 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 201731Z SEP 16
ACTUAL EST : 202057Z SEP 16
TIME SEARCHED : 3.43 HRS
AVERAGE SPEED : 37.14 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 17.00 KTS
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 15.38 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 1.01 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 39-12.726N 072-26.378W
CST                : 201731Z SEP 16
TRACK LENGTH       : 124.00 NM
PATTERN SEARCH TIME : 3.43 HRS
ESP                : 39-52.377N 071-15.594W
EST                : 202057Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 124.00 NM
TOTAL TIME     : 3.43 HRS
  
```

EVALUATE

```

-----
REVIEWED : YES
COMMENTS :
  
```

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201731Z SEP 16	39-12.726N 072-26.378W	066	066 T / 079	88.00	88.00	02
2	201953Z SEP 16	39-48.294N 070-42.052W	337	337 T / 351	14.00	102.00	00
3	202015Z SEP 16	40-01.150N 070-49.277W	247	247 T / 261	22.00	124.00	00
4	202051Z SEP 16	39-52.377N 071-15.594W	-----	-----	-----	124.00	---

TRACK LINE SEARCH

NAME : F-3:BONITO-VISUAL
PASSES : 1
TRACK SPACING : 0.80 NM
FIRST TURN : RIGHT
CSP : 40-00.000N 070-35.500W
MAG VARIATION : 14 W
WAYPOINTS :
1: 40-00.000N 070-35.500W
2: 40-03.715N 071-46.200W

| ACTUAL SEARCH |

PERCENT COMPLETED : 100 %
TRACK LENGTH : 54.26 NM
ESP : 40-03.715N 071-46.200W
AREA SEARCHED : 44.05 SQNM

| CALCULATE PERCENT COMPLETED |

TOTAL NUMBER OF LEGS : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : BONITO
COMMAND : SRC
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

| PRE-SEARCH |

CST : 201600Z SEP 16
ON SCENE ENDURANCE : 10.00 HRS
EST : 210200Z SEP 16
SEARCH SPEED : 8.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

| SEARCH OBJECTS |

Table with 2 columns: NAME, SWEEP WIDTH. Rows include PIW WITHOUT PFD (AVERAGE), SPORT BOATS - CENTER CONSOLE, LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE.

| POST-SEARCH |

ACTUAL CST : 201902Z SEP 16

ACTUAL EST : 202002Z SEP 16
TIME SEARCHED : 1.00 HRS
AVERAGE SPEED : 54.32 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY      : 10000.00 NM  
WIND SPEED      : 17.00 KTS  
SEA HEIGHT      : 4 FT  
CLOUD CEILING   : 3000 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+
```

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 0.65
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00

= CORRECTED: 0.33 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL

SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM

WIND SPEED : 17.00 KTS

SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE

(ID) : 47

TYPE : POWER BOAT

LENGTH : 32.0 FT

NUMBER OF PERSONS ON BOARD : 2

LENGTH : 32 FT

BEAM : 10 FT

HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS

CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT

NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 8.57 NM

X WEATHER CORRECTION FACTOR : 0.94

X FATIGUE CORRECTION FACTOR : 1.00

X SRU SPEED CORRECTION FACTOR : 1.00

= CORRECTED: 8.02 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL

SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM

WIND SPEED : 17.00 KTS

SEA HEIGHT : 4 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE

(ID) : 11

TYPE : RAFT

CAPACITY : 2 PERSON

NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 8.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 4.13 NM
X WEATHER CORRECTION FACTOR : 0.56
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 2.33 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 8.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-00.000N 070-35.500W
CST : 201902Z SEP 16
TRACK LENGTH : 54.26 NM
PATTERN SEARCH TIME : 1.00 HRS
ESP : 40-03.715N 071-46.200W
EST : 202002Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 54.26 NM
TOTAL TIME : 1.00 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201902Z SEP 16	40-00.000N 070-35.500W	274	274 T / 289	54.26	54.26	00
2	202001Z SEP 16	40-03.715N 071-46.200W	-----	-----	-----	54.26	---

PARALLEL SEARCH

```

-----
NAME           : E-1:HC144-RADAR
CENTER         : 40-49.600N 070-19.900W
SEARCH AREA LENGTH : 85.00 NM
SEARCH AREA WIDTH  : 42.60 NM
MAJOR AXIS      : 091 T / 106 M
MINOR AXIS      : 181 T / 196 M
CORNER PT #1    : 41-11.413N 071-15.807W
CORNER PT #2    : 40-28.816N 071-16.189W
CORNER PT #3    : 40-27.342N 069-24.609W
CORNER PT #4    : 41-09.924N 069-23.026W
CSP            : 41-07.838N 071-11.126W
FIRST LEG DIRECTION : 091 T / 106 M
LEG LENGTH      : 77.90 NM
FIRST TURN      : RIGHT
CREEP DIRECTION : 181 T / 196 M
RATE OF CREEP   : 12.47 KTS
TRACK SPACING   : 7.10 NM
MAG VARIATION   : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 502.29 NM
ESP                 : 40-32.340N 071-11.486W
AREA SEARCHED      : 3621.00 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 11
NUMBER OF LEGS COMPLETED : 11.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : HC144
COMMAND            : ASCC
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST           : 201040Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST           : 201440Z SEP 16
SEARCH SPEED    : 150.00 KTS
SENSOR         : RADAR
ON SCENE WEATHER : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

NAME                               SWEEP WIDTH
-----
```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 18.58 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.33 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 201025Z SEP 16
ACTUAL EST : 201350Z SEP 16
TIME SEARCHED : 3.42 HRS
AVERAGE SPEED : 149.27 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+
WIND SPEED : 17.00 KTS
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE	

SENSOR :	RADAR
SRU :	FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 18.58 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.33 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 41-07.838N 071-11.126W
CST                   : 201025Z SEP 16
TRACK LENGTH          : 502.29 NM
PATTERN SEARCH TIME  : 3.42 HRS .
ESP                   : 40-32.340N 071-11.486W
EST                   : 201350Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION           :
END TRANSIT SPEED    :
END TRANSIT DISTANCE :
END TRANSIT TIME     :
END TIME             :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 502.29 NM
TOTAL TIME     : 3.42 HRS

```

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201025Z SEP 16	41-07.838N 071-11.126W	090	090 T / 105	77.80	77.80	00
2	201056Z SEP 16	41-06.474N 069-27.869W	182	182 T / 197	7.10	84.90	00
3	201059Z SEP 16	40-59.377N 069-28.127W	272	272 T / 287	77.80	162.70	00
4	201130Z SEP 16	41-00.738N 071-11.199W	180	180 T / 195	7.10	169.80	00
5	201133Z SEP 16	40-53.639N 071-11.271W	090	090 T / 105	77.80	247.60	00
6	201204Z SEP 16	40-52.280N 069-28.383W	182	182 T / 197	7.10	254.70	00
7	201207Z SEP 16	40-45.183N 069-28.638W	272	272 T / 286	77.80	332.50	00

8	201238Z	SEP 16	40-46.539N	071-11.343W	180	180 T / 195	7.10	339.59	00
9	201241Z	SEP 16	40-39.439N	071-11.415W	090	090 T / 105	77.80	417.39	00
10	201312Z	SEP 16	40-38.085N	069-28.893W	182	182 T / 196	7.10	424.49	00
11	201315Z	SEP 16	40-30.988N	069-29.146W	272	272 T / 286	77.80	502.29	00
12	201346Z	SEP 16	40-32.340N	071-11.486W	-----	-----	-----	502.29	---

PARALLEL SEARCH

```

-----
NAME                : E-2:HH60-VISUAL
CENTER              : 40-15.100N 068-53.200W
SEARCH AREA LENGTH  : 38.20 NM
SEARCH AREA WIDTH   : 19.20 NM
MAJOR AXIS          : 177 T / 192 M
MINOR AXIS          : 267 T / 282 M
CORNER PT #1       : 40-34.667N 068-41.894W
CORNER PT #2       : 40-33.657N 069-07.135W
CORNER PT #3       : 39-55.515N 069-04.397W
CORNER PT #4       : 39-56.515N 068-39.392W
CSP                 : 40-32.149N 068-44.889W
FIRST LEG DIRECTION : 177 T / 192 M
LEG LENGTH          : 33.40 NM
FIRST TURN          : RIGHT
CREEP DIRECTION     : 267 T / 282 M
RATE OF CREEP       : 10.02 KTS
TRACK SPACING       : 4.80 NM
MAG VARIATION       : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH        : 148.00 NM
ESP                 : 40-31.392N 069-03.809W
AREA SEARCHED      : 733.44 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : HH60
COMMAND            : ASCC
SRU TYPE           : HELO
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 201040Z SEP 16
ON SCENE ENDURANCE : 2.00 HRS
EST                : 201240Z SEP 16
SEARCH SPEED       : 90.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.10 NM
SPORT BOATS - CENTER CONSOLE 5.96 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.80 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 201120Z SEP 16
ACTUAL EST : 201315Z SEP 16
TIME SEARCHED : 1.92 HRS
AVERAGE SPEED : 79.72 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT
CLOUD CEILING : 20000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.10 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 6.05 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 0.98
= CORRECTED: 5.96 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 1.80 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 1.80 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 90.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-32.149N 068-44.889W
CST : 201120Z SEP 16
TRACK LENGTH : 148.00 NM
PATTERN SEARCH TIME : 1.92 HRS
ESP : 40-31.392N 069-03.809W
EST : 201315Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
 | TOTALS |
 +-----+

TOTAL DISTANCE : 148.00 NM
 TOTAL TIME : 1.92 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	201120Z SEP 16	40-32.149N 068-44.889W	177	177 T / 192	33.40	33.40	00
2	201145Z SEP 16	39-58.792N 068-42.676W	267	267 T / 282	4.80	38.20	00
3	201148Z SEP 16	39-58.547N 068-48.932W	357	357 T / 012	33.40	71.60	00
4	201213Z SEP 16	40-31.902N 068-51.197W	267	267 T / 282	4.80	76.40	00
5	201217Z SEP 16	40-31.650N 068-57.503W	177	177 T / 192	33.40	109.80	00
6	201242Z SEP 16	39-58.297N 068-55.187W	267	267 T / 282	4.80	114.60	00
7	201246Z SEP 16	39-58.041N 069-01.441W	357	357 T / 012	33.40	148.00	00
8	201311Z SEP 16	40-31.392N 069-03.809W	-----	-----	-----	148.00	---

TRACK LINE SEARCH

NAME : X-1:CGC CAMPBELL-VISUAL
PASSES : 1
TRACK SPACING : 0.50 NM
FIRST TURN : RIGHT
CSP : 40-08.045N 068-59.371W
MAG VARIATION : 15 W
WAYPOINTS :
1: 40-08.045N 068-59.371W
2: 39-52.786N 069-36.694W
3: 39-56.788N 071-15.907W
4: 39-27.594N 072-12.600W

+-----+
| ACTUAL SEARCH |

-----+
PERCENT COMPLETED : 55 %
TRACK LENGTH : 88.60 NM
ESP : 39-55.874N 070-49.841W
AREA SEARCHED : 44.71 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
-----+
TOTAL NUMBER OF LEGS : 3
NUMBER OF LEGS COMPLETED : 1.74
PERCENT COMPLETED : 55 %

SRU

SRU ID (TAIL/HULL) : CGC CAMPBELL
COMMAND :
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |

-----+
CST : 200030Z SEP 16
ON SCENE ENDURANCE : 16.00 HRS
EST : 201630Z SEP 16
SEARCH SPEED : 12.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |

-----+
NAME SWEET WIDTH
-----+
PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.67 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.36 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 200330Z SEP 16
ACTUAL EST : 201747Z SEP 16
TIME SEARCHED : 14.28 HRS
AVERAGE SPEED : 6.21 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 12.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT
CLOUD CEILING : 20000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 12.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00

X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 12.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 6.73 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.67 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3
=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 12.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11

TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.60 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.36 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-08.045N 068-59.371W
CST : 200330Z SEP 16
TRACK LENGTH : 88.60 NM
PATTERN SEARCH TIME : 14.28 HRS
ESP : 39-55.874N 070-49.841W
EST : 201747Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 88.60 NM
TOTAL TIME : 14.28 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LÉG DIST NM	TOTAL DIST NM	LEG
---	-----	-----	-----	-----	-----	-----	---
1	200330Z SEP 16	40-08.045N 068-59.371W	242	242 T / 257	32.41	32.41	05
2	200843Z SEP 16	39-52.786N 069-36.694W	274	274 T / 288	56.20	88.60	09
3	201746Z SEP 16	39-55.874N 070-49.841W	-----	-----	-----	88.60	---

TRACK LINE SEARCH

```

-----
NAME           : X-2:CGC BONITO-VISUAL
PASSES        : 1
TRACK SPACING  : 1.00 NM
FIRST TURN    : RIGHT
CSP           : 39-30.928N 072-15.645W
MAG VARIATION : 13 W
WAYPOINTS     :
1: 39-30.928N 072-15.645W
2: 40-01.878N 071-18.344W
3: 40-00.200N 070-13.403W
4: 39-56.841N 069-39.022W
5: 40-10.888N 069-03.005W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 50 %
TRACK LENGTH       : 80.54 NM
ESP                : 40-01.052N 070-43.472W
AREA SEARCHED     : 82.54 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 4
NUMBER OF LEGS COMPLETED : 1.54
PERCENT COMPLETED       : 50 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : CGC BONITO
COMMAND           :
SRU TYPE          : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM    : NONE
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST           : 200500Z SEP 16
ON SCENE ENDURANCE : 17.00 HRS
EST           : 202200Z SEP 16
SEARCH SPEED   : 12.00 KTS
SENSOR        : VISUAL
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                               SWEEP WIDTH
-----
PIW WITHOUT PFD (AVERAGE)         0.04 NM
SPORT BOATS - CENTER CONSOLE       0.49 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.20 NM
  
```

+-----+

| POST-SEARCH |

+-----+
ACTUAL CST : 200045Z SEP 16
ACTUAL EST : 201746Z SEP 16
TIME SEARCHED : 17.02 HRS
AVERAGE SPEED : 4.74 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM

X WEATHER CORRECTION FACTOR : 0.87
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.04 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.01 NM
X WEATHER CORRECTION FACTOR : 0.98
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.49 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 17.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE

(ID) : 11
 TYPE : RAFT
 CAPACITY : 2 PERSON
 NUMBER OF PERSONS ON BOARD : 1
 LENGTH : 6 FT
 BEAM : 5 FT
 HEIGHT : 3 FT

SRU CHARACTERISTICS

 SEARCH SPEED : 12.00 KTS
 CREW FATIGUE : NO
 SEARCH ALTITUDE : N/A
 NIGHT AS DAY : YES

SWEEP WIDTHS

 UNCORRECTED: 3.03 NM
 X WEATHER CORRECTION FACTOR : 0.65
 X FATIGUE CORRECTION FACTOR : 0.10
 X SRU SPEED CORRECTION FACTOR : 1.00
 = CORRECTED: 0.20 NM

TRANSITS SUMMARY

 +-----+
 | STARTING TRANSIT LEG |
 +-----+
 START POSITION :
 START TRANSIT SPEED : 12.00 KTS
 START TRANSIT DISTANCE :
 START TRANSIT TIME :
 START TIME :
 +-----+
 | ON SCENE |
 +-----+
 CSP : 39-30.928N 072-15.645W
 CST : 200045Z SEP 16
 TRACK LENGTH : 80.54 NM
 PATTERN SEARCH TIME : 17.02 HRS
 ESP : 40-01.052N 070-43.472W
 EST : 201746Z SEP 16
 +-----+
 | ENDING TRANSIT LEG |
 +-----+
 END POSITION :
 END TRANSIT SPEED :
 END TRANSIT DISTANCE :
 END TRANSIT TIME :
 END TIME :
 +-----+
 | TOTALS |
 +-----+
 TOTAL DISTANCE : 80.54 NM
 TOTAL TIME : 17.02 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	200045Z SEP 16	39-30.928N 072-15.645W	055	055 T / 068	53.83	53.83	11
2	201206Z SEP 16	40-01.878N 071-18.344W	092	092 T / 106	26.72	80.54	05
3	201744Z SEP 16	40-01.052N 070-43.472W	-----	-----	-----	80.54	---

PARALLEL SEARCH

```

-----
NAME           : C-1:CG 144-RADAR
CENTER          : 40-33.700N 070-18.100W
SEARCH AREA LENGTH : 127.50 NM
SEARCH AREA WIDTH  : 22.20 NM
MAJOR AXIS       : 084 T / 099 M
MINOR AXIS       : 174 T / 189 M
CORNER PT #1    : 40-37.556N 071-43.164W
CORNER PT #2    : 40-15.519N 071-39.659W
CORNER PT #3    : 40-28.807N 068-53.221W
CORNER PT #4    : 40-50.917N 068-55.819W
CSP             : 40-32.711N 071-35.034W
FIRST LEG DIRECTION : 084 T / 099 M
LEG LENGTH      : 116.40 NM
FIRST TURN      : RIGHT
CREEP DIRECTION : 174 T / 189 M
RATE OF CREEP   : 13.32 KTS
TRACK SPACING   : 11.10 NM
MAG VARIATION   : 15 W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
  
```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 243.89 NM
ESP                 : 40-21.690N 071-33.301W
AREA SEARCHED      : 2830.50 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
  
```

```

TOTAL NUMBER OF LEGS      : 3
NUMBER OF LEGS COMPLETED : 3.00
PERCENT COMPLETED        : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : CG 144
COMMAND             : AIRSTA CAPE COD
SRU TYPE            : FIXED-WING
RADAR PLATFORM     : HC_144A
  
```

```

+-----+
| PRE-SEARCH |
+-----+
  
```

```

CST           : 192042Z SEP 16
ON SCENE ENDURANCE : 2.00 HRS
EST           : 192242Z SEP 16
SEARCH SPEED    : 150.00 KTS
SENSOR         : RADAR
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+
  
```

```

-----
NAME                               SWEEP WIDTH
-----
  
```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 41.51 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 6.01 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 192110Z SEP 16
ACTUAL EST : 192250Z SEP 16
TIME SEARCHED : 1.67 HRS
AVERAGE SPEED : 153.00 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 10.00 KTS
CLOUD CEILING : 8500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 41.51 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 10.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 6.01 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 40-32.711N 071-35.034W
CST                   : 192110Z SEP 16
TRACK LENGTH          : 243.89 NM
PATTERN SEARCH TIME   : 1.67 HRS
ESP                   : 40-21.690N 071-33.301W
EST                   : 192250Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION           :
END TRANSIT SPEED    :
END TRANSIT DISTANCE :
END TRANSIT TIME     :
END TIME             :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 243.89 NM
TOTAL TIME     : 1.67 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	192110Z SEP 16	40-32.711N 071-35.034W	083	083 T / 097	116.40	116.40	00
2	192155Z SEP 16	40-44.892N 069-02.463W	175	175 T / 190	11.10	127.50	00
3	192159Z SEP 16	40-33.838N 069-01.144W	265	265 T / 280	116.40	243.89	00
4	192245Z SEP 16	40-21.690N 071-33.301W	-----	-----	-----	243.89	---

PARALLEL SEARCH

```

-----
NAME                : C-2:CG 60-VISUAL
CENTER              : 40-57.700N 070-30.000W
SEARCH AREA LENGTH  : 28.70 NM
SEARCH AREA WIDTH   : 24.40 NM
MAJOR AXIS          : 057 T / 072 M
MINOR AXIS          : 147 T / 162 M
CORNER PT #1       : 41-00.100N 070-54.696W
CORNER PT #2       : 40-39.676N 070-37.051W
CORNER PT #3       : 40-55.213N 070-05.335W
CORNER PT #4       : 41-15.716N 070-22.885W
CSP                 : 40-59.220N 070-49.101W
FIRST LEG DIRECTION : 057 T / 072 M
LEG LENGTH          : 22.60 NM
FIRST TURN          : RIGHT
CREEP DIRECTION     : 147 T / 162 M
RATE OF CREEP       : 19.52 KTS
TRACK SPACING       : 6.10 NM
MAG VARIATION       : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 80 %
TRACK LENGTH        : 86.64 NM
ESP                 : 40-55.672N 070-11.849W
AREA SEARCHED      : 560.22 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 7
NUMBER OF LEGS COMPLETED : 6.04
PERCENT COMPLETED        : 80 %

```

SRU

```

---
SRU ID (TAIL/HULL) : CG 60
COMMAND            : AIRSTA CAPE COD
SRU TYPE           : HELO
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 192100Z SEP 16
ON SCENE ENDURANCE : 1.50 HRS
EST                : 192230Z SEP 16
SEARCH SPEED       : 90.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.10 NM
SPORT BOATS - CENTER CONSOLE 5.48 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.43 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 192150Z SEP 16
ACTUAL EST : 192250Z SEP 16
TIME SEARCHED : 1.00 HRS
AVERAGE SPEED : 91.84 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 8500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.10 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.57 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 0.98
= CORRECTED: 5.48 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : HELO

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 90.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 1.72 NM
X WEATHER CORRECTION FACTOR : 0.83
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= .CORRECTED: 1.43 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 90.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-59.220N 070-49.101W
CST : 192150Z SEP 16
TRACK LENGTH : 86.64 NM
PATTERN SEARCH TIME : 1.00 HRS
ESP : 40-55.672N 070-11.849W
EST : 192250Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

```

+-----+
| TOTALS |
+-----+

```

```

TOTAL DISTANCE : 86.64 NM
TOTAL TIME      : 1.00 HRS

```

EVALUATE

```

-----
REVIEWED : YES
COMMENTS :

```

SORTIE DETAILS

```

-----
LEG  DATETIMEGROUP          POSITION          COURSE    MAGCSE    LEG DIST  TOTAL DIST  LEG
-----
      T          M          NM          NM          ---
1  192150Z SEP 16  40-59.220N 070-49.101W   057  057 T / 071   22.50    22.50    00
2  192204Z SEP 16  41-11.498N 070-24.084W   147  147 T / 162    6.10    28.60    00
3  192208Z SEP 16  41-06.377N 070-19.683W   237  237 T / 252   22.50    51.10    00
4  192223Z SEP 16  40-54.115N 070-44.681W   147  147 T / 161    6.10    57.20    00
5  192227Z SEP 16  40-49.007N 070-40.272W   057  057 T / 071   22.50    79.70    00
6  192242Z SEP 16  41-01.254N 070-15.293W   147  147 T / 162    6.10    85.80    00
7  192246Z SEP 16  40-56.127N 070-10.914W   237  237 T / 252    0.84    86.64    00
8  192246Z SEP 16  40-55.672N 070-11.849W   -----

```

PARALLEL SEARCH

NAME : B-1:BONITO-VISUAL
CENTER : 41-01.000N 071-43.300W
SEARCH AREA LENGTH : 15.30 NM
SEARCH AREA WIDTH : 12.80 NM
MAJOR AXIS : 189 T / 203 M
MINOR AXIS : 099 T / 113 M
CORNER PT #1 : 41-09.504N 071-50.117W
CORNER PT #2 : 40-54.488N 071-53.237W
CORNER PT #3 : 40-52.489N 071-36.513W
CORNER PT #4 : 41-07.498N 071-33.330W
CSP : 41-07.675N 071-48.348W
FIRST LEG DIRECTION : 189 T / 203 M
LEG LENGTH : 12.10 NM
FIRST TURN : LEFT
CREEP DIRECTION : 099 T / 113 M
RATE OF CREEP : 3.41 KTS
TRACK SPACING : 3.20 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 57.60 NM
ESP : 41-06.171N 071-35.763W
AREA SEARCHED : 195.84 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : BONITO
COMMAND : D1
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 191130Z SEP 16
ON SCENE ENDURANCE : 6.00 HRS
EST : 191730Z SEP 16
SEARCH SPEED : 12.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.50 NM
SPORT BOATS - CENTER CONSOLE 3.73 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 2.11 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 191600Z SEP 16
ACTUAL EST : 191945Z SEP 16
TIME SEARCHED : 3.75 HRS
AVERAGE SPEED : 16.32 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 5.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE	

SENSOR	: VISUAL
SRU	: VESSEL

ON SCENE WEATHER

VISIBILITY : 5.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.50 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 5.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 3.73 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 3.73 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 5.00 NM

WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 2.53 NM
X WEATHER CORRECTION FACTOR : 0.83
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 2.11 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-07.675N 071-48.348W
CST : 191600Z SEP 16
TRACK LENGTH : 57.60 NM
PATTERN SEARCH TIME : 3.75 HRS
ESP : 41-06.171N 071-35.763W
EST : 191945Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 57.60 NM
 TOTAL TIME : 3.75 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	191600Z SEP 16	41-07.675N 071-48.348W	189	189 T / 203	12.00	12.00	00
2	191644Z SEP 16	40-55.821N 071-50.817W	099	099 T / 113	3.20	15.20	00
3	191655Z SEP 16	40-55.323N 071-46.634W	009	009 T / 023	12.00	27.20	00
4	191739Z SEP 16	41-07.176N 071-44.152W	099	099 T / 113	3.20	30.40	00
5	191751Z SEP 16	41-06.675N 071-39.957W	189	189 T / 203	12.00	42.40	00
6	191835Z SEP 16	40-54.824N 071-42.451W	099	099 T / 113	3.20	45.60	00
7	191847Z SEP 16	40-54.321N 071-38.269W	009	009 T / 023	12.00	57.60	00
8	191931Z SEP 16	41-06.171N 071-35.763W	-----	-----	-----	57.60	---

PARALLEL SEARCH

```

-----
NAME                : B-2:45720-UNKNOWN
CENTER              : 41-13.200N 071-41.900W
SEARCH AREA LENGTH  : 12.80 NM
SEARCH AREA WIDTH   : 8.80 NM
MAJOR AXIS          : 015 T / 029 M
MINOR AXIS          : 285 T / 299 M
CORNER PT #1       : 41-05.878N 071-38.458W
CORNER PT #2       : 41-18.239N 071-34.037W
CORNER PT #3       : 41-20.520N 071-45.355W
CORNER PT #4       : 41-08.152N 071-49.742W
CSP                 : 41-07.226N 071-39.490W
FIRST LEG DIRECTION : 015 T / 029 M
LEG LENGTH          : 10.60 NM
FIRST TURN          : LEFT
CREEP DIRECTION     : 285 T / 299 M
RATE OF CREEP       : 2.51 KTS
TRACK SPACING       : 2.20 NM
MAG VARIATION       : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+

```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH        : 49.00 NM
ESP                 : 41-08.932N 071-47.955W
AREA SEARCHED       : 112.64 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

```

```

TOTAL NUMBER OF LEGS      : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED        : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : 45720
COMMAND            : PJ
SRU TYPE           : BOAT (< 65 FT)
RADAR PLATFORM     : NONE

```

```

+-----+
| PRE-SEARCH |
+-----+

```

```

CST                : 190900Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 191300Z SEP 16
SEARCH SPEED       : 15.00 KTS
SENSOR             : UNKNOWN
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

```

-----
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.30 NM
SPORT BOATS - CENTER CONSOLE 2.85 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.56 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 191500Z SEP 16
ACTUAL EST : 191830Z SEP 16
TIME SEARCHED : 3.50 HRS
AVERAGE SPEED : 14.63 KTS

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 0.30 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 2.85 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 1.56 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 15.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 41-07.226N 071-39.490W
CST                : 191500Z SEP 16
TRACK LENGTH      : 49.00 NM
PATTERN SEARCH TIME : 3.50 HRS
ESP               : 41-08.932N 071-47.955W
EST               : 191830Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 49.00 NM
TOTAL TIME     : 3.50 HRS
  
```

EVALUATE

```

-----
REVIEWED : YES
COMMENTS :
  
```

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	191500Z SEP 16	41-07.226N 071-39.490W	015	015 T / 029	10.60	10.60	00
2	191543Z SEP 16	41-17.463N 071-35.832W	285	285 T / 299	2.20	12.80	00
3	191552Z SEP 16	41-18.034N 071-38.660W	195	195 T / 209	10.60	23.40	00
4	191635Z SEP 16	41-07.796N 071-42.311W	285	285 T / 299	2.20	25.60	00
5	191644Z SEP 16	41-08.365N 071-45.132W	015	015 T / 029	10.60	36.20	00
6	191728Z SEP 16	41-18.604N 071-41.488W	285	285 T / 299	2.20	38.40	00
7	191737Z SEP 16	41-19.173N 071-44.318W	195	195 T / 209	10.60	49.00	00
8	191820Z SEP 16	41-08.932N 071-47.955W	-----	-----	-----	49.00	---

TRACK LINE SEARCH

```

-----
NAME           : B-3:45720-UNKNOWN
PASSES        : 1
TRACK SPACING  : 1.10 NM
FIRST TURN    : LEFT
CSP           : 41-08.443N 071-38.829W
MAG VARIATION : 14 W
WAYPOINTS     :
1: 41-08.443N 071-38.829W
2: 41-08.443N 071-30.506W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 6.27 NM
ESP               : 41-08.443N 071-30.506W
AREA SEARCHED     : 8.10 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : 45720
COMMAND           : PJ
SRU TYPE          : BOAT (< 65 FT)
RADAR PLATFORM    : NONE
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST           : 191330Z SEP 16
ON SCENE ENDURANCE : 0.50 HRS
EST           : 191400Z SEP 16
SEARCH SPEED   : 15.00 KTS
SENSOR        : UNKNOWN
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.30 NM
SPORT BOATS - CENTER CONSOLE	2.85 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	1.56 NM

```

+-----+
| POST-SEARCH |
+-----+
ACTUAL CST      : 191500Z SEP 16
  
```

ACTUAL EST : 191600Z SEP 16
TIME SEARCHED : 1.00 HRS
AVERAGE SPEED : 6.27 KTS

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 0.30 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 2.85 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : UNKNOWN
SRU : VESSEL

A. SEARCH OBJECT : SELECT SEARCH OBJECT
B. SIGNIFICANT WAVE HEIGHT : SEAS AT AND BELOW 5 FEET
C. SEARCH CONDITIONS : NORMAL
D. SWEEP WIDTH : 1.56 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+

START POSITION :
START TRANSIT SPEED : 15.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :


```

START TIME          :
+-----+
| ON SCENE |
+-----+
CSP                 : 41-08.443N 071-38.829W
CST                 : 191500Z SEP 16
TRACK LENGTH       : 6.27 NM
PATTERN SEARCH TIME : 1.00 HRS
!! WARNING !!      : PATTERN SEARCH TIME (1.00 HRS) IS MORE THAN AVAILABLE SEARCH TIME (0.
ESP                 : 41-08.443N 071-30.506W
EST                 : 191600Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION         :
END TRANSIT SPEED  :
END TRANSIT DISTANCE :
END TRANSIT TIME   :
END TIME           :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 6.27 NM
TOTAL TIME     : 1.00 HRS

```

```

EVALUATE
-----
REVIEWED : YES
COMMENTS :

```

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	191500Z SEP 16	41-08.443N 071-38.829W	090	090 T / 104	6.27	6.27	00
2	191559Z SEP 16	41-08.443N 071-30.506W	-----	-----	-----	6.27	---

TRACK LINE SEARCH

NAME : B-4:144-RADAR
PASSES : 2
TRACK SPACING : 3.80 NM
FIRST TURN : RIGHT
CSP : 39-28.763N 072-14.281W
MAG VARIATION : 13 W
WAYPOINTS :
1: 39-27.190N 072-12.900W
2: 39-56.428N 071-16.187W
3: 39-56.153N 070-14.331W
4: 39-52.447N 069-37.253W
5: 40-07.253N 069-00.709W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 328.21 NM
ESP : 39-25.617N 072-11.520W
AREA SEARCHED : 1377.17 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 9
NUMBER OF LEGS COMPLETED : 9.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : 144
COMMAND : AIRSTA CAPE COD
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_144A

+-----+
| PRE-SEARCH |
+-----+
CST : 191240Z SEP 16
ON SCENE ENDURANCE : 3.00 HRS
EST : 191540Z SEP 16
SEARCH SPEED : 150.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 24.15 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.79 NM

+-----+

| POST-SEARCH |

+-----+
ACTUAL CST : 191700Z SEP 16
ACTUAL EST : 192000Z SEP 16
TIME SEARCHED : 3.00 HRS
AVERAGE SPEED : 109.52 KTS

+-----+
| ON SCENE WEATHER (RADAR) |

+-----+
WIND SPEED : 15.00 KTS
CLOUD CEILING : 2000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |

+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |

+-----+
VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====
MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 24.15 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====
MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1500 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.79 NM

TRANSITS SUMMARY

```

-----
+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 39-28.763N 072-14.281W
CST                   : 191700Z SEP 16
TRACK LENGTH         : 328.21 NM
PATTERN SEARCH TIME  : 3.00 HRS
ESP                   : 39-25.617N 072-11.520W
EST                   : 192000Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION          :
END TRANSIT SPEED   :
END TRANSIT DISTANCE :
END TRANSIT TIME    :
END TIME            :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE      : 328.21 NM
TOTAL TIME          : 3.00 HRS

```

EVALUATE

```

-----
REVIEWED : YES
COMMENTS : SEE MISLE CASE FOR TIMES.

```

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	191700Z SEP 16	39-28.763N 072-14.281W	056	056 T / 069	53.09	53.09	00
2	191729Z SEP 16	39-58.328N 071-16.948W	090	090 T / 104	48.11	101.20	00
3	191755Z SEP 16	39-58.053N 070-14.174W	097	097 T / 112	28.19	129.38	00
4	191810Z SEP 16	39-54.408N 069-37.723W	062	062 T / 077	32.95	162.34	00
5	191828Z SEP 16	40-09.823N 068-59.685W	152	152 T / 167	3.80	166.13	00
6	191831Z SEP 16	40-06.470N 068-57.348W	242	242 T / 257	34.19	200.32	00
7	191849Z SEP 16	39-50.486N 069-36.783W	278	278 T / 292	29.18	229.50	00
8	191905Z SEP 16	39-54.253N 070-14.487W	271	271 T / 285	46.75	276.25	00
9	191931Z SEP 16	39-54.528N 071-15.427W	236	236 T / 251	51.96	328.21	00
10	191959Z SEP 16	39-25.617N 072-11.520W	-----	-----	-----	328.21	---

TRACK LINE SEARCH

```

-----+
NAME           : B-6:144-VISUAL
PASSES        : 1
TRACK SPACING  : 2.70 NM
FIRST TURN    : RIGHT
CSP           : 40-59.597N 071-40.074W
MAG VARIATION : 14 W
WAYPOINTS     :
1: 40-59.597N 071-40.074W
2: 39-58.074N 071-17.078W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 63.96 NM
ESP               : 39-58.074N 071-17.078W
AREA SEARCHED     : 179.98 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : 144
COMMAND            : AIRSTA CAPE COD
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 191525Z SEP 16
ON SCENE ENDURANCE : 3.00 HRS
EST                : 191825Z SEP 16
SEARCH SPEED       : 150.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.12 NM
SPORT BOATS - CENTER CONSOLE	2.38 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	0.88 NM

```

+-----+
| POST-SEARCH |
+-----+
ACTUAL CST       : 191607Z SEP 16
  
```

ACTUAL EST : 191900Z SEP 16
TIME SEARCHED : 2.88 HRS
AVERAGE SPEED : 22.21 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY      : 3.00 NM  
WIND SPEED      : 5.00 KTS  
SEA HEIGHT      : 3 FT  
CLOUD CEILING   : 2500 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE    : NO  
SEARCH ALTITUDE : 1000 FT
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+  
  
VIEW SWEEP WIDTH : SEARCH OBJECT #1  
=====
```

```
MODE  
----  
SENSOR : VISUAL  
SRU    : FIXED-WING
```

```
ON SCENE WEATHER  
-----  
VISIBILITY : 3.00 NM  
WIND SPEED : 5.00 KTS  
SEA HEIGHT : 3 FT
```

```
SEARCH OBJECT CHARACTERISTICS  
-----  
SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)  
      (ID)    : 69  
TYPE         :  
LENGTH      : 1 FT  
BEAM        : 2 FT  
HEIGHT      : 1 FT
```

```
SRU CHARACTERISTICS  
-----  
SEARCH SPEED : 150.00 KTS  
CREW FATIGUE : NO  
SEARCH ALTITUDE : 1000 FT  
NIGHT AS DAY  : NO
```

```
SWEEP WIDTHS  
-----  
UNCORRECTED: 0.10 NM  
X WEATHER CORRECTION FACTOR : 1.00  
X FATIGUE CORRECTION FACTOR : 1.00
```

X SRU SPEED CORRECTION FACTOR : 1.18
= CORRECTED: 0.12 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 3.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT . : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 150.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 2.16 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 2.38 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 3.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT

CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 150.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.80 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 0.88 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-59.597N 071-40.074W
CST : 191607Z SEP 16
TRACK LENGTH : 63.96 NM
PATTERN SEARCH TIME : 2.88 HRS
ESP : 39-58.074N 071-17.078W
EST : 191900Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 63.96 NM
TOTAL TIME : 2.88 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	191607Z SEP 16	40-59.597N 071-40.074W	164	164 T / 178	63.96	63.96	02
2	191859Z SEP 16	39-58.074N 071-17.078W	-----	-----	-----	63.96	---

PARALLEL SEARCH

```

-----
NAME           : A-1:144-RADAR
CENTER          : 41-09.100N 071-29.000W
SEARCH AREA LENGTH : 39.20 NM
SEARCH AREA WIDTH  : 33.80 NM
MAJOR AXIS       : 225 T / 239 M
MINOR AXIS       : 315 T / 329 M
CORNER PT #1    : 41-10.924N 070-54.707W
CORNER PT #2    : 41-34.909N 071-26.448W
CORNER PT #3    : 41-07.106N 072-03.260W
CORNER PT #4    : 40-43.290N 071-31.519W
CSP             : 41-10.936N 070-57.150W
FIRST LEG DIRECTION : 225 T / 239 M
LEG LENGTH      : 36.60 NM
FIRST TURN      : RIGHT
CREEP DIRECTION : 315 T / 329 M
RATE OF CREEP   : 9.22 KTS
TRACK SPACING   : 2.60 NM
MAG VARIATION   : 14 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 60 %
TRACK LENGTH       : 304.20 NM
ESP                : 41-19.065N 071-20.621W
AREA SEARCHED     : 794.98 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 25
NUMBER OF LEGS COMPLETED : 14.81
PERCENT COMPLETED       : 60 %

```

SRU

```

---
SRU ID (TAIL/HULL) : 144
COMMAND            : AIRSTA
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 190350Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 190750Z SEP 16
SEARCH SPEED       : 150.00 KTS
SENSOR             : RADAR
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                               SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 23.43 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 1.40 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 190350Z SEP 16
ACTUAL EST : 190602Z SEP 16
TIME SEARCHED : 2.20 HRS
AVERAGE SPEED : 138.98 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 15.00 KTS
CLOUD CEILING : 15000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 23.43 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 15.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 1.40 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 41-10.936N 070-57.150W
CST                   : 190350Z SEP 16
TRACK LENGTH          : 304.20 NM
PATTERN SEARCH TIME  : 2.20 HRS
ESP                   : 41-19.065N 071-20.621W
EST                   : 190602Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION           :
END TRANSIT SPEED    :
END TRANSIT DISTANCE :
END TRANSIT TIME     :
END TIME             :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 304.20 NM
TOTAL TIME     : 2.20 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	190350Z SEP 16	41-10.936N 070-57.150W	225	225 T / 240	36.60	36.60	00
2	190405Z SEP 16	40-45.129N 071-31.520W	315	315 T / 329	2.60	39.20	00
3	190406Z SEP 16	40-46.966N 071-33.949W	045	045 T / 059	36.60	75.80	00
4	190422Z SEP 16	41-12.785N 070-59.579W	315	315 T / 330	2.60	78.40	00
5	190423Z SEP 16	41-14.634N 071-02.010W	225	225 T / 240	36.60	115.00	00
6	190439Z SEP 16	40-48.802N 071-36.381W	315	315 T / 329	2.60	117.60	00
7	190440Z SEP 16	40-50.638N 071-38.814W	045	045 T / 059	36.60	154.20	00

8	190456Z	SEP 16	41-16.481N	071-04.444W	315	315 T / 330	2.60	156.80	00
9	190457Z	SEP 16	41-18.328N	071-06.879W	225	225 T / 240	36.60	193.40	00
10	190513Z	SEP 16	40-52.472N	071-41.250W	315	315 T / 329	2.60	196.00	00
11	190514Z	SEP 16	40-54.306N	071-43.689W	045	045 T / 059	36.60	232.60	00
12	190530Z	SEP 16	41-20.174N	071-09.318W	315	315 T / 330	2.60	235.20	00
13	190531Z	SEP 16	41-22.019N	071-11.758W	225	225 T / 240	36.60	271.80	00
14	190547Z	SEP 16	40-56.139N	071-46.129W	315	315 T / 329	2.60	274.40	00
15	190548Z	SEP 16	40-57.971N	071-48.572W	045	045 T / 059	29.80	304.20	00
16	190601Z	SEP 16	41-19.065N	071-20.621W	-----	-----	-----	304.20	---

PARALLEL SEARCH

NAME : A-2:RBM-VISUAL
CENTER : 41-07.200N 071-34.600W
SEARCH AREA LENGTH : 6.40 NM
SEARCH AREA WIDTH : 4.00 NM
MAJOR AXIS : 271 T / 285 M
MINOR AXIS : 001 T / 015 M
CORNER PT #1 : 41-05.143N 071-30.401W
CORNER PT #2 : 41-09.143N 071-30.304W
CORNER PT #3 : 41-09.254N 071-38.803W
CORNER PT #4 : 41-05.255N 071-38.891W
CSP : 41-05.652N 071-31.053W
FIRST LEG DIRECTION : 271 T / 285 M
LEG LENGTH : 5.40 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 001 T / 015 M
RATE OF CREEP : 2.00 KTS
TRACK SPACING : 1.00 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 24.60 NM
ESP : 41-08.652N 071-30.980W
AREA SEARCHED : 25.60 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : RBM
COMMAND : PJ
SRU TYPE : BOAT (< 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+

CST : 190730Z SEP 16
ON SCENE ENDURANCE : 2.00 HRS
EST : 190930Z SEP 16
SEARCH SPEED : 15.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.03 NM
SPORT BOATS - CENTER CONSOLE 0.66 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.26 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 190730Z SEP 16
ACTUAL EST : 190930Z SEP 16
TIME SEARCHED : 2.00 HRS
AVERAGE SPEED : 12.80 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10000.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT
CLOUD CEILING : 15000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.30 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.03 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM
WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 6.62 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.66 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10000.00 NM

WIND SPEED : 15.00 KTS
SEA HEIGHT : 2 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.10 NM
X WEATHER CORRECTION FACTOR : 0.83
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.26 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 15.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-05.652N 071-31.053W
CST : 190730Z SEP 16
TRACK LENGTH : 24.60 NM
PATTERN SEARCH TIME : 2.00 HRS
ESP : 41-08.652N 071-30.980W
EST : 190930Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 24.60 NM
 TOTAL TIME : 2.00 HRS

EVALUATE

REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	190730Z	SEP	16	41-05.652N 071-31.053W	271	271 T / 285	5.40	5.40	00
2	190755Z	SEP	16	41-05.746N 071-38.217W	001	001 T / 015	1.00	6.40	00
3	190800Z	SEP	16	41-06.746N 071-38.195W	091	091 T / 105	5.40	11.80	00
4	190825Z	SEP	16	41-06.652N 071-31.029W	001	001 T / 015	1.00	12.80	00
5	190829Z	SEP	16	41-07.652N 071-31.004W	271	271 T / 285	5.40	18.20	00
6	190855Z	SEP	16	41-07.746N 071-38.172W	001	001 T / 015	1.00	19.20	00
7	190859Z	SEP	16	41-08.746N 071-38.150W	091	091 T / 105	5.40	24.60	00
8	190925Z	SEP	16	41-08.652N 071-30.980W	-----	-----	-----	24.60	---

PARALLEL SEARCH

NAME : A-1:6042-NVG-ILLUMINATED
CENTER : 41-16.200N 071-15.200W
SEARCH AREA LENGTH : 23.00 NM
SEARCH AREA WIDTH : 22.00 NM
MAJOR AXIS : 179 T / 193 M
MINOR AXIS : 269 T / 283 M
CORNER PT #1 : 41-27.825N 071-00.790W
CORNER PT #2 : 41-27.440N 071-30.142W
CORNER PT #3 : 41-04.545N 071-29.525W
CORNER PT #4 : 41-04.928N 071-00.344W
CSP : 41-26.709N 071-02.236W
FIRST LEG DIRECTION : 179 T / 193 M
LEG LENGTH : 20.80 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 269 T / 283 M
RATE OF CREEP : 10.06 KTS
TRACK SPACING : 2.20 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 80 %
TRACK LENGTH : 181.44 NM
ESP : 41-26.440N 071-23.363W
AREA SEARCHED : 404.80 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 19
NUMBER OF LEGS COMPLETED : 15.20
PERCENT COMPLETED : 80 %

SRU

SRU ID (TAIL/HULL) : 6042
COMMAND : ASCC
SRU TYPE : HELO
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 190030Z SEP 16
ON SCENE ENDURANCE : 3.00 HRS
EST : 190330Z SEP 16
SEARCH SPEED : 90.00 KTS
SENSOR : NVG
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 1.56 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.67 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 190035Z SEP 16
ACTUAL EST : 190220Z SEP 16
TIME SEARCHED : 1.75 HRS
AVERAGE SPEED : 105.14 KTS

+-----+
| ON SCENE WEATHER (NVG HELO) |
+-----+

MOON VISIBLE & PHASE (MVPHS) : 89.74 % VISIBLE
CLOUD COVER (CLDC) : 75.00 % COVERED
VISIBILITY (VIS) : 7.00 NM
SIGNIFICANT WAVE HEIGHT (HS) : 3 FT
WHITECAPS (WHCAPS) : MANY
TIME ON TASK (TOT) : 3.00 HRS
CLOUD CEILING : 1500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (NVG HELO) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
SEARCH TYPE : ILLUMINATED
TIME ON TASK : 3.00 HRS

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : NVG
SRU : HELO

A. SEARCH OBJECT

1. TYPE : PIW
2. PFD : WITHOUT PFD, OR RETRO-REFLECTIVE

B. SEARCH TYPE

C. BASE SWEEP WIDTH (UNCORRECTED SWEEP WIDTH)

D. MOON VISIBLE & PHASE

E. CLOUD COVER

F. VISIBILITY

: ILLUMINATED
:
: 89.74 % VISIBLE 1.10
: 75.00 % COVERED 0.94
: 7.00 NM 1.00

G. WAVE CORRECTION FACTOR

1. SIGNIFICANT WAVE HEIGHT	: 3 FT	1.00
2. WHITECAPS	: MANY	0.90
3. WAVE CORRECTION FACTOR (G1 + G2) / 2)	:	0.95
H. TIME ON TASK	: 3.00 HRS	0.95
I. SEARCH SPEED	: 90.00 KTS	1.00
J. CORRECTED SWEEP WIDTH (C X D X E X F X G3 X H X I)	:	0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : NVG
SRU : HELO

A. SEARCH OBJECT

1. TYPE : BOAT (NO LIGHTS OR RETRO-REFLECTIVE)
2. LENGTH : 32.0 FT

B. SEARCH TYPE	: ILLUMINATED	
C. BASE SWEEP WIDTH (UNCORRECTED SWEEP WIDTH)	:	1.80 NM
D. MOON VISIBLE & PHASE	: 89.74 % VISIBLE	1.14
E. CLOUD COVER	: 75.00 % COVERED	0.89
F. VISIBILITY	: 7.00 NM	1.00

G. WAVE CORRECTION FACTOR

1. SIGNIFICANT WAVE HEIGHT	: 3 FT	1.00
2. WHITECAPS	: MANY	0.87
3. WAVE CORRECTION FACTOR (G1 + G2) / 2)	:	0.94
H. TIME ON TASK	: 3.00 HRS	0.92
I. SEARCH SPEED	: 90.00 KTS	0.98
J. CORRECTED SWEEP WIDTH (C X D X E X F X G3 X H X I)	:	1.56 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : NVG
SRU : HELO

A. SEARCH OBJECT

1. TYPE : RAFT (RETRO-REFLECTIVE CANOPIES)
2. CAPACITY : 2 PERSON

B. SEARCH TYPE	: ILLUMINATED	
C. BASE SWEEP WIDTH (UNCORRECTED SWEEP WIDTH)	:	0.76 NM
D. MOON VISIBLE & PHASE	: 89.74 % VISIBLE	1.14
E. CLOUD COVER	: 75.00 % COVERED	0.89
F. VISIBILITY	: 7.00 NM	1.00

G. WAVE CORRECTION FACTOR

1. SIGNIFICANT WAVE HEIGHT	: 3 FT	1.00
2. WHITECAPS	: MANY	0.87

3. WAVE CORRECTION FACTOR (G1 + G2) / 2) : 0.94
 H. TIME ON TASK : 3.00 HRS 0.92
 I. SEARCH SPEED : 90.00 KTS 1.00
 J. CORRECTED SWEEP WIDTH (C X D X E X F X G3 X H X I) : 0.67 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION          :
START TRANSIT SPEED   : 90.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME    :
START TIME            :
+-----+
| ON SCENE |
+-----+
CSP                   : 41-26.709N 071-02.236W
CST                   : 190035Z SEP 16
TRACK LENGTH          : 181.44 NM
PATTERN SEARCH TIME  : 1.75 HRS
ESP                   : 41-26.440N 071-23.363W
EST                   : 190220Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION           :
END TRANSIT SPEED    :
END TRANSIT DISTANCE :
END TRANSIT TIME     :
END TIME             :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 181.44 NM
TOTAL TIME     : 1.75 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	190035Z SEP 16	41-26.709N 071-02.236W	179	179 T / 194	20.70	20.70	00
2	190046Z SEP 16	41-06.011N 071-01.825W	269	269 T / 284	2.20	22.90	00
3	190048Z SEP 16	41-05.978N 071-04.744W	359	359 T / 014	20.70	43.60	00
4	190059Z SEP 16	41-26.676N 071-05.170W	269	269 T / 284	2.20	45.80	00
5	190101Z SEP 16	41-26.641N 071-08.105W	179	179 T / 194	20.70	66.50	00

6	190112Z	SEP 16	41-05.943N	071-07.663W	269	269 T / 283	2.20	68.70	00
7	190114Z	SEP 16	41-05.908N	071-10.582W	359	359 T / 013	20.70	89.40	00
8	190126Z	SEP 16	41-26.605N	071-11.039W	269	269 T / 283	2.20	91.60	00
9	190127Z	SEP 16	41-26.568N	071-13.974W	179	179 T / 193	20.70	112.30	00
10	190139Z	SEP 16	41-05.871N	071-13.501W	269	269 T / 283	2.20	114.50	00
11	190140Z	SEP 16	41-05.832N	071-16.420W	359	359 T / 013	20.70	135.20	00
12	190152Z	SEP 16	41-26.529N	071-16.908W	269	269 T / 283	2.20	137.40	00
13	190153Z	SEP 16	41-26.489N	071-19.842W	179	179 T / 193	20.70	158.10	00
14	190205Z	SEP 16	41-05.793N	071-19.339W	269	269 T / 283	2.20	160.30	00
15	190206Z	SEP 16	41-05.752N	071-22.257W	359	359 T / 013	20.70	181.00	00
16	190218Z	SEP 16	41-26.448N	071-22.777W	269	269 T / 283	0.44	181.44	00
17	190218Z	SEP 16	41-26.440N	071-23.363W	-----	-----	-----	181.44	---

PARALLEL SEARCH

NAME : A-2:PJ RBM-VISUAL
CENTER : 41-08.000N 071-19.500W
SEARCH AREA LENGTH : 12.80 NM
SEARCH AREA WIDTH : 4.40 NM
MAJOR AXIS : 270 T / 284 M
MINOR AXIS : 000 T / 014 M
CORNER PT #1 : 41-05.795N 071-11.007W
CORNER PT #2 : 41-10.195N 071-10.998W
CORNER PT #3 : 41-10.195N 071-28.002W
CORNER PT #4 : 41-05.795N 071-27.993W
CSP : 41-06.346N 071-11.736W
FIRST LEG DIRECTION : 270 T / 284 M
LEG LENGTH : 11.70 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 000 T / 014 M
RATE OF CREEP : 1.38 KTS
TRACK SPACING : 1.10 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 50.10 NM
ESP : 41-09.646N 071-11.730W
AREA SEARCHED : 56.32 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 7
NUMBER OF LEGS COMPLETED : 7.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : PJ RBM
COMMAND : PJ
SRU TYPE : BOAT (< 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+

CST : 190030Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST : 190430Z SEP 16
SEARCH SPEED : 15.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.03 NM
SPORT BOATS - CENTER CONSOLE 0.38 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.17 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 190322Z SEP 16
ACTUAL EST : 190634Z SEP 16
TIME SEARCHED : 3.20 HRS
AVERAGE SPEED : 16.00 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+
VISIBILITY : 7.00 NM
WIND SPEED : 12.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 1500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+
CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE	

SENSOR :	VISUAL
SRU :	VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 12.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.30 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.03 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM
WIND SPEED : 12.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.84 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.38 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 7.00 NM

WIND SPEED : 12.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 15.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 0 FT
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 2.27 NM
X WEATHER CORRECTION FACTOR : 0.77
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.17 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 15.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-06.346N 071-11.736W
CST : 190322Z SEP 16
TRACK LENGTH : 50.10 NM
PATTERN SEARCH TIME : 3.20 HRS
ESP : 41-09.646N 071-11.730W
EST : 190634Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED : 15.00 KTS
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 50.10 NM
 TOTAL TIME : 3.20 HRS

EVALUATE

REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
---	-----	-----	-----	-----	-----	-----	---
1	190322Z SEP 16	41-06.346N 071-11.736W	270	270 T / 284	11.70	11.70	00
2	190405Z SEP 16	41-06.346N 071-27.264W	360	360 T / 014	1.10	12.80	00
3	190409Z SEP 16	41-07.446N 071-27.266W	090	090 T / 104	11.70	24.50	00
4	190453Z SEP 16	41-07.446N 071-11.734W	000	000 T / 014	1.10	25.60	00
5	190457Z SEP 16	41-08.546N 071-11.732W	270	270 T / 284	11.70	37.30	00
6	190541Z SEP 16	41-08.546N 071-27.268W	360	360 T / 014	1.10	38.40	00
7	190545Z SEP 16	41-09.646N 071-27.270W	090	090 T / 104	11.70	50.10	00
8	190629Z SEP 16	41-09.646N 071-11.730W	-----	-----	-----	50.10	---

PARALLEL SEARCH

```

-----
NAME : J-6:C144-RADAR
CENTER : 40-47.800N 069-37.100W
SEARCH AREA LENGTH : 72.90 NM
SEARCH AREA WIDTH : 42.00 NM
MAJOR AXIS : 064 T / 079 M
MINOR AXIS : 154 T / 169 M
CORNER PT #1 : 40-50.475N 070-32.574W
CORNER PT #2 : 40-12.878N 070-07.946W
CORNER PT #3 : 40-44.683N 068-41.707W
CORNER PT #4 : 41-22.582N 069-05.710W
CSP : 40-49.134N 070-27.254W
FIRST LEG DIRECTION : 064 T / 079 M
LEG LENGTH : 66.90 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 154 T / 169 M
RATE OF CREEP : 10.50 KTS
TRACK SPACING : 6.00 NM
MAG VARIATION : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 504.29 NM
ESP : 40-46.105N 068-46.984W
AREA SEARCHED : 3061.80 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 13
NUMBER OF LEGS COMPLETED : 13.00
PERCENT COMPLETED : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : C144
COMMAND : ASCC
SRU TYPE : FIXED-WING
RADAR PLATFORM : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+
CST : 221800Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST : 222200Z SEP 16
SEARCH SPEED : 150.00 KTS
SENSOR : RADAR
ON SCENE WEATHER : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 37.58 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 11.48 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 221800Z SEP 16
ACTUAL EST : 222200Z SEP 16
TIME SEARCHED : 4.00 HRS
AVERAGE SPEED : 127.58 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+
WIND SPEED : 7.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1
=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 37.58 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 11.48 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 40-49.134N 070-27.254W
CST                : 221800Z SEP 16
TRACK LENGTH       : 504.29 NM
PATTERN SEARCH TIME : 4.00 HRS
ESP                : 40-46.105N 068-46.984W
EST                : 222200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 504.29 NM
TOTAL TIME     : 4.00 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE	MAGCSE	LEG DIST	TOTAL DIST	LEG
			T	M	NM	NM	
1	221800Z SEP 16	40-49.134N 070-27.254W	063	063 T / 078	66.90	66.90	00
2	221831Z SEP 16	41-18.579N 069-07.581W	154	154 T / 170	6.00	72.90	00
3	221834Z SEP 16	41-13.171N 069-04.124W	244	244 T / 260	66.90	139.80	00
4	221905Z SEP 16	40-43.766N 070-23.716W	153	153 T / 168	6.00	145.80	00
5	221908Z SEP 16	40-38.396N 070-20.187W	064	064 T / 078	66.90	212.70	00
6	221940Z SEP 16	41-07.761N 069-00.678W	154	154 T / 170	6.00	218.70	00
7	221942Z SEP 16	41-02.349N 068-57.240W	244	244 T / 260	66.90	285.60	00

8	222014Z	SEP 16	40-33.024N	070-16.667W	154	154 T / 168	6.00	291.60	00
9	222017Z	SEP 16	40-27.650N	070-13.157W	064	064 T / 078	66.90	358.50	00
10	222048Z	SEP 16	40-56.936N	068-53.812W	154	154 T / 170	6.00	364.50	00
11	222051Z	SEP 16	40-51.521N	068-50.394W	245	245 T / 260	66.90	431.40	00
12	222122Z	SEP 16	40-22.275N	070-09.657W	154	154 T / 168	6.00	437.39	00
13	222125Z	SEP 16	40-16.897N	070-06.166W	064	064 T / 078	66.90	504.29	00
14	222157Z	SEP 16	40-46.105N	068-46.984W	-----	-----	-----	504.29	---

PARALLEL SEARCH

```

-----
NAME                : J-6:C144-RADAR
CENTER              : 40-47.800N 069-37.100W
SEARCH AREA LENGTH  : 72.90 NM
SEARCH AREA WIDTH   : 42.00 NM
MAJOR AXIS          : 064 T / 079 M
MINOR AXIS          : 154 T / 169 M
CORNER PT #1       : 40-50.475N 070-32.574W
CORNER PT #2       : 40-12.878N 070-07.946W
CORNER PT #3       : 40-44.683N 068-41.707W
CORNER PT #4       : 41-22.582N 069-05.710W
CSP                 : 40-49.134N 070-27.254W
FIRST LEG DIRECTION : 064 T / 079 M
LEG LENGTH          : 66.90 NM
FIRST TURN          : RIGHT
CREEP DIRECTION     : 154 T / 169 M
RATE OF CREEP       : 10.50 KTS
TRACK SPACING       : 6.00 NM
MAG VARIATION       : 15 W

```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 504.29 NM
ESP                : 40-46.105N 068-46.984W
AREA SEARCHED     : 3061.80 SQNM

```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 13
NUMBER OF LEGS COMPLETED : 13.00
PERCENT COMPLETED       : 100 %

```

SRU

```

---
SRU ID (TAIL/HULL) : C144
COMMAND            : ASCC
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : HC_144A

```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 221800Z SEP 16
ON SCENE ENDURANCE : 4.00 HRS
EST                : 222200Z SEP 16
SEARCH SPEED       : 150.00 KTS
SENSOR             : RADAR
ON SCENE WEATHER   : PREDICTED

```

```

+-----+
| SEARCH OBJECTS |
+-----+
NAME                SWEEP WIDTH
-----

```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 37.58 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 11.48 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 221800Z SEP 16
ACTUAL EST : 222200Z SEP 16
TIME SEARCHED : 4.00 HRS
AVERAGE SPEED : 127.58 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 7.00 KTS
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

CORRECTED : 37.58 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 7.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_144A
RADAR MODE : ESTD 60 DS32

SWEEP WIDTHS

 CORRECTED : 11.48 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 150.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 40-49.134N 070-27.254W
CST                : 221800Z SEP 16
TRACK LENGTH       : 504.29 NM
PATTERN SEARCH TIME : 4.00 HRS
ESP                : 40-46.105N 068-46.984W
EST                : 222200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION        :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME  :
END TIME          :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 504.29 NM
TOTAL TIME     : 4.00 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221800Z SEP 16	40-49.134N 070-27.254W	063	063 T / 078	66.90	66.90	00
2	221831Z SEP 16	41-18.579N 069-07.581W	154	154 T / 170	6.00	72.90	00
3	221834Z SEP 16	41-13.171N 069-04.124W	244	244 T / 260	66.90	139.80	00
4	221905Z SEP 16	40-43.766N 070-23.716W	153	153 T / 168	6.00	145.80	00
5	221908Z SEP 16	40-38.396N 070-20.187W	064	064 T / 078	66.90	212.70	00
6	221940Z SEP 16	41-07.761N 069-00.678W	154	154 T / 170	6.00	218.70	00
7	221942Z SEP 16	41-02.349N 068-57.240W	244	244 T / 260	66.90	285.60	00

8	222014Z	SEP 16	40-33.024N	070-16.667W	154	154 T / 168	6.00	291.60	00
9	222017Z	SEP 16	40-27.650N	070-13.157W	064	064 T / 078	66.90	358.50	00
10	222048Z	SEP 16	40-56.936N	068-53.812W	154	154 T / 170	6.00	364.50	00
11	222051Z	SEP 16	40-51.521N	068-50.394W	245	245 T / 260	66.90	431.40	00
12	222122Z	SEP 16	40-22.275N	070-09.657W	154	154 T / 168	6.00	437.39	00
13	222125Z	SEP 16	40-16.897N	070-06.166W	064	064 T / 078	66.90	504.29	00
14	222157Z	SEP 16	40-46.105N	068-46.984W	-----	-----	-----	504.29	---

TRACK LINE SEARCH

```

-----
NAME       : J-7:N8855P-VISUAL
PASSES    : 1
TRACK SPACING : 1.10 NM
FIRST TURN : RIGHT
CSP       : 40-46.147N 073-34.821W
MAG VARIATION : 13 W
WAYPOINTS :
1: 40-46.147N 073-34.821W
2: 41-11.544N 071-47.152W
3: 41-31.100N 070-28.004W
4: 41-19.077N 069-51.497W
5: 41-01.837N 071-42.731W
6: 40-38.007N 073-21.415W
7: 40-45.822N 073-33.394W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH       : 353.44 NM
ESP                : 40-45.822N 073-33.394W
AREA SEARCHED     : 396.05 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS      : 6
NUMBER OF LEGS COMPLETED : 6.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : N8855P
COMMAND            : AUX AIRSTA CC
SRU TYPE           : FIXED-WING
RADAR PLATFORM     : NONE
  
```

```

+-----+
| PRE-SEARCH |
+-----+
CST                : 221700Z SEP 16
ON SCENE ENDURANCE : 5.00 HRS
EST                : 222200Z SEP 16
SEARCH SPEED       : 100.00 KTS
SENSOR             : VISUAL
ON SCENE WEATHER   : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+

```

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.12 NM
SPORT BOATS - CENTER CONSOLE	5.69 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	1.46 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 221700Z SEP 16
ACTUAL EST : 222200Z SEP 16
TIME SEARCHED : 5.00 HRS
AVERAGE SPEED : 70.76 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 2500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 100.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.20
= CORRECTED: 0.12 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 100.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 5.17 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 5.69 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 100.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 500 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 1.40 NM
X WEATHER CORRECTION FACTOR : 0.95
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 1.46 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 100.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-46.147N 073-34.821W
CST : 221700Z SEP 16
TRACK LENGTH : 353.44 NM
PATTERN SEARCH TIME : 5.00 HRS
ESP : 40-45.822N 073-33.394W
EST : 222200Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 353.44 NM

TOTAL TIME : 5.00 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221700Z	SEP	16	40-46.147N 073-34.821W	072	072 T / 085	85.16	85.16	01
2	221812Z	SEP	16	41-11.544N 071-47.152W	071	071 T / 085	62.55	147.70	00
3	221905Z	SEP	16	41-31.100N 070-28.004W	114	114 T / 128	29.90	177.60	00
4	221930Z	SEP	16	41-19.077N 069-51.497W	259	259 T / 274	85.48	263.08	01
5	222043Z	SEP	16	41-01.837N 071-42.731W	253	253 T / 267	78.38	341.46	01
6	222149Z	SEP	16	40-38.007N 073-21.415W	311	311 T / 324	11.98	353.44	00
7	222159Z	SEP	16	40-45.822N 073-33.394W	-----	-----	-----	353.44	---

TRACK LINE SEARCH

NAME : J-8:CGC CAMPBELL-VISUAL
PASSES : 1
TRACK SPACING : 1.00 NM
FIRST TURN : LEFT
CSP : 40-29.987N 072-47.196W
MAG VARIATION : 13 W
WAYPOINTS :
1: 40-29.987N 072-47.196W
2: 41-06.397N 071-25.054W

| ACTUAL SEARCH |

PERCENT COMPLETED : 100 %
TRACK LENGTH : 72.05 NM
ESP : 41-06.397N 071-25.054W
AREA SEARCHED : 73.05 SQNM

| CALCULATE PERCENT COMPLETED |

TOTAL NUMBER OF LEGS : 1
NUMBER OF LEGS COMPLETED : 1.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : CGC CAMPBELL
COMMAND : LANT
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

| PRE-SEARCH |

CST : 221620Z SEP 16
ON SCENE ENDURANCE : 7.00 HRS
EST : 222320Z SEP 16
SEARCH SPEED : 12.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

| SEARCH OBJECTS |

NAME SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.60 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.32 NM

| POST-SEARCH |

ACTUAL CST : 221620Z SEP 16

ACTUAL EST : 222320Z SEP 16
TIME SEARCHED : 7.00 HRS
AVERAGE SPEED : 10.30 KTS

```
+-----+  
| ON SCENE WEATHER (VISUAL) |  
+-----+  
VISIBILITY      : 10.00 NM  
WIND SPEED      : 7.00 KTS  
SEA HEIGHT      : 3 FT  
CLOUD CEILING   : 2500 FT  
PREDICTED/OBSERVED : PREDICTED
```

```
+-----+  
| SRU PROPERTIES: DETAILS (VISUAL) |  
+-----+  
CREW FATIGUE : NO
```

```
+-----+  
| SEARCH OBJECTS (SWEEP WIDTH) |  
+-----+
```

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00

= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.96 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.60 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 10.00 NM
WIND SPEED : 7.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON

NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 12.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.40 NM
X WEATHER CORRECTION FACTOR : 0.95
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.32 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+

START POSITION :
START TRANSIT SPEED : 12.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :

+-----+
| ON SCENE |
+-----+

CSP : 40-29.987N 072-47.196W
CST : 221620Z SEP 16
TRACK LENGTH : 72.05 NM
PATTERN SEARCH TIME : 7.00 HRS
ESP : 41-06.397N 071-25.054W
EST : 222320Z SEP 16

+-----+
| ENDING TRANSIT LEG |
+-----+

END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
| TOTALS |
+-----+

TOTAL DISTANCE : 72.05 NM
TOTAL TIME : 7.00 HRS

EVALUATE

REVIEWED : YES
COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	221620Z SEP 16	40-29.987N 072-47.196W	059	059 T / 073	72.05	72.05	06
2	222319Z SEP 16	41-06.397N 071-25.054W	-----	-----	-----	72.05	---

PARALLEL SEARCH

NAME : I-1:45-VISUAL
CENTER : 41-15.500N 071-14.600W
SEARCH AREA LENGTH : 3.50 NM
SEARCH AREA WIDTH : 3.40 NM
MAJOR AXIS : 192 T / 206 M
MINOR AXIS : 282 T / 296 M
CORNER PT #1 : 41-16.809N 071-11.917W
CORNER PT #2 : 41-17.516N 071-16.343W
CORNER PT #3 : 41-14.190N 071-17.281W
CORNER PT #4 : 41-13.483N 071-12.859W
CSP : 41-16.732N 071-12.075W
FIRST LEG DIRECTION : 192 T / 206 M
LEG LENGTH : 3.30 NM
FIRST TURN : RIGHT
CREEP DIRECTION : 282 T / 296 M
RATE OF CREEP : 0.57 KTS
TRACK SPACING : 0.20 NM
MAG VARIATION : 14 W
.

+-----+
| ACTUAL SEARCH |
+-----+

PERCENT COMPLETED : 100 %
TRACK LENGTH : 57.60 NM
ESP : 41-14.267N 071-17.124W
AREA SEARCHED : 11.90 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+

TOTAL NUMBER OF LEGS : 33
NUMBER OF LEGS COMPLETED : 33.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : 45
COMMAND : STA PJ
SRU TYPE : BOAT (< 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+

CST : 220330Z SEP 16
ON SCENE ENDURANCE : 5.00 HRS
EST : 220830Z SEP 16
SEARCH SPEED : 14.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+

NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.03 NM
SPORT BOATS - CENTER CONSOLE 0.40 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.22 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 220443Z SEP 16
ACTUAL EST : 221044Z SEP 16
TIME SEARCHED : 6.02 HRS
AVERAGE SPEED : 9.89 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 2000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : YES

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 14.00 KTS
CREW FATIGUE : YES

SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.30 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.09
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.03 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 14.00 KTS
CREW FATIGUE : YES
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 4.40 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.09
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.40 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 14.00 KTS
CREW FATIGUE : YES
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 2.49 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.09
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.22 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |

-----+
START POSITION :
START TRANSIT SPEED : 14.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :

-----+
| ON SCENE |

-----+
CSP : 41-16.732N 071-12.075W
CST : 220443Z SEP 16
TRACK LENGTH : 57.60 NM
PATTERN SEARCH TIME : 6.02 HRS
!! WARNING !! : PATTERN SEARCH TIME (6.02 HRS) IS MORE THAN AVAILABLE SEARCH TIME (5.
ESP : 41-14.267N 071-17.124W
EST : 221044Z SEP 16

-----+
| ENDING TRANSIT LEG |

-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+

| TOTALS |

+-----+

TOTAL DISTANCE : 57.60 NM

TOTAL TIME : 6.02 HRS

EVALUATE

REVIEWED : YES

COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	220443Z SEP 16	41-16.732N 071-12.075W	192	192 T / 206	3.20	3.20	00
2	220502Z SEP 16	41-13.602N 071-12.961W	282	282 T / 296	0.20	3.40	00
3	220503Z SEP 16	41-13.644N 071-13.222W	012	012 T / 026	3.20	6.60	00
4	220523Z SEP 16	41-16.774N 071-12.335W	282	282 T / 296	0.20	6.80	00
5	220524Z SEP 16	41-16.815N 071-12.595W	192	192 T / 206	3.20	10.00	00
6	220543Z SEP 16	41-13.685N 071-13.482W	282	282 T / 296	0.20	10.20	00
7	220544Z SEP 16	41-13.727N 071-13.742W	012	012 T / 026	3.20	13.40	00
8	220604Z SEP 16	41-16.857N 071-12.856W	282	282 T / 296	0.20	13.60	00
9	220605Z SEP 16	41-16.899N 071-13.116W	192	192 T / 206	3.20	16.80	00
10	220624Z SEP 16	41-13.769N 071-14.002W	282	282 T / 296	0.20	17.00	00
11	220626Z SEP 16	41-13.810N 071-14.262W	012	012 T / 026	3.20	20.20	00
12	220645Z SEP 16	41-16.940N 071-13.376W	282	282 T / 296	0.20	20.40	00
13	220646Z SEP 16	41-16.982N 071-13.637W	192	192 T / 206	3.20	23.60	00
14	220706Z SEP 16	41-13.852N 071-14.522W	282	282 T / 296	0.20	23.80	00
15	220707Z SEP 16	41-13.893N 071-14.782W	012	012 T / 026	3.20	27.00	00
16	220726Z SEP 16	41-17.023N 071-13.897W	282	282 T / 296	0.20	27.20	00
17	220728Z SEP 16	41-17.065N 071-14.157W	192	192 T / 206	3.20	30.40	00
18	220747Z SEP 16	41-13.935N 071-15.042W	282	282 T / 296	0.20	30.60	00
19	220748Z SEP 16	41-13.977N 071-15.302W	012	012 T / 026	3.20	33.80	00
20	220808Z SEP 16	41-17.107N 071-14.418W	282	282 T / 296	0.20	34.00	00
21	220809Z SEP 16	41-17.148N 071-14.678W	192	192 T / 206	3.20	37.20	00
22	220828Z SEP 16	41-14.018N 071-15.563W	282	282 T / 296	0.20	37.40	00
23	220829Z SEP 16	41-14.060N 071-15.823W	012	012 T / 026	3.20	40.60	00
24	220849Z SEP 16	41-17.190N 071-14.938W	282	282 T / 296	0.20	40.80	00
25	220850Z SEP 16	41-17.231N 071-15.199W	192	192 T / 206	3.20	44.00	00
26	220909Z SEP 16	41-14.101N 071-16.083W	282	282 T / 296	0.20	44.20	00
27	220911Z SEP 16	41-14.143N 071-16.343W	012	012 T / 026	3.20	47.40	00
28	220930Z SEP 16	41-17.273N 071-15.459W	282	282 T / 296	0.20	47.60	00
29	220931Z SEP 16	41-17.314N 071-15.719W	192	192 T / 206	3.20	50.80	00
30	220951Z SEP 16	41-14.184N 071-16.603W	282	282 T / 296	0.20	51.00	00
31	220952Z SEP 16	41-14.226N 071-16.863W	012	012 T / 026	3.20	54.20	00
32	221011Z SEP 16	41-17.356N 071-15.980W	282	282 T / 296	0.20	54.40	00
33	221013Z SEP 16	41-17.397N 071-16.240W	192	192 T / 206	3.20	57.60	00
34	221032Z SEP 16	41-14.267N 071-17.124W	-----	-----	-----	57.60	---

PARALLEL SEARCH

NAME : I-2:SITKINAK-VISUAL
CENTER : 41-12.600N 071-08.800W
SEARCH AREA LENGTH : 7.60 NM
SEARCH AREA WIDTH : 2.50 NM
MAJOR AXIS : 063 T / 077 M
MINOR AXIS : 333 T / 347 M
CORNER PT #1 : 41-09.760N 071-12.544W
CORNER PT #2 : 41-13.209N 071-03.544W
CORNER PT #3 : 41-15.438N 071-05.051W
CORNER PT #4 : 41-11.987N 071-14.054W
CSP : 41-10.096N 071-12.399W
FIRST LEG DIRECTION : 063 T / 077 M
LEG LENGTH : 7.10 NM
FIRST TURN : LEFT
CREEP DIRECTION : 333 T / 347 M
RATE OF CREEP : 0.37 KTS
TRACK SPACING : 0.50 NM
MAG VARIATION : 14 W

+-----+
| ACTUAL SEARCH |
+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 37.50 NM
ESP : 41-15.102N 071-05.197W
AREA SEARCHED : 19.00 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
TOTAL NUMBER OF LEGS : 9
NUMBER OF LEGS COMPLETED : 9.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : SITKINAK
COMMAND :
SRU TYPE : VESSEL/CUTTER (>= 65 FT)
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |
+-----+
CST : 220900Z SEP 16
ON SCENE ENDURANCE : 5.00 HRS
EST : 221400Z SEP 16
SEARCH SPEED : 9.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |
+-----+
NAME SWEEP WIDTH

PIW WITHOUT PFD (AVERAGE) 0.05 NM
SPORT BOATS - CENTER CONSOLE 0.57 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.33 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 220722Z SEP 16
ACTUAL EST : 221407Z SEP 16
TIME SEARCHED : 6.75 HRS
AVERAGE SPEED : 5.63 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |
+-----+

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT
CLOUD CEILING : 2000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |
+-----+

CREW FATIGUE : NO

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69

TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO

SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 0.50 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.05 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM
WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 5.71 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.57 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : VESSEL

ON SCENE WEATHER

VISIBILITY : 9.00 NM

WIND SPEED : 5.00 KTS
SEA HEIGHT : 3 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 9.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : N/A
NIGHT AS DAY : YES

SWEEP WIDTHS

UNCORRECTED: 3.30 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 0.10
X SRU SPEED CORRECTION FACTOR : 1.00
= CORRECTED: 0.33 NM

TRANSITS SUMMARY

-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 9.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 41-10.096N 071-12.399W
CST : 220722Z SEP 16
TRACK LENGTH : 37.50 NM
PATTERN SEARCH TIME : 6.75 HRS
!! WARNING !! : PATTERN SEARCH TIME (6.75 HRS) IS MORE THAN AVAILABLE SEARCH TIME (5.
ESP : 41-15.102N 071-05.197W
EST : 221407Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME :

+-----+
 | TOTALS |
 +-----+

TOTAL DISTANCE : 37.50 NM
 TOTAL TIME : 6.75 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATE	TIME	GROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	220722Z	SEP	16	41-10.096N 071-12.399W	063	063 T / 077	7.10	7.10	01
2	220837Z	SEP	16	41-13.319N 071-03.991W	333	333 T / 347	0.50	7.60	00
3	220842Z	SEP	16	41-13.765N 071-04.292W	243	243 T / 257	7.10	14.70	01
4	220958Z	SEP	16	41-10.542N 071-12.701W	333	333 T / 347	0.50	15.20	00
5	221003Z	SEP	16	41-10.987N 071-13.003W	063	063 T / 077	7.10	22.30	01
6	221119Z	SEP	16	41-14.210N 071-04.594W	333	333 T / 347	0.50	22.80	00
7	221124Z	SEP	16	41-14.656N 071-04.895W	243	243 T / 257	7.10	29.90	01
8	221240Z	SEP	16	41-11.432N 071-13.305W	333	333 T / 347	0.50	30.40	00
9	221245Z	SEP	16	41-11.878N 071-13.607W	063	063 T / 077	7.10	37.50	01
10	221401Z	SEP	16	41-15.102N 071-05.197W	-----	-----	-----	37.50	---

TRACK LINE SEARCH

NAME : X-1:N43FL-VISUAL
PASSES : 1
TRACK SPACING : 5.00 NM
FIRST TURN : RIGHT
CSP : 40-50.357N 072-38.897W
MAG VARIATION : 14 W
WAYPOINTS :
1: 40-50.357N 072-38.897W
2: 41-01.616N 071-53.797W
3: 41-10.516N 071-37.270W
4: 41-17.283N 071-05.056W
5: 41-28.886N 070-35.923W
6: 41-24.460N 070-23.878W
7: 41-18.973N 070-27.519W
8: 41-18.128N 070-31.441W
9: 41-10.304N 071-20.462W
10: 41-01.404N 071-40.071W
11: 40-47.803N 072-38.897W
12: 40-31.805N 074-01.813W
13: 40-41.838N 074-20.021W

+-----+
| ACTUAL SEARCH |

+-----+
PERCENT COMPLETED : 100 %
TRACK LENGTH : 303.74 NM
ESP : 40-41.838N 074-20.021W
AREA SEARCHED : 1818.72 SQNM

+-----+
| CALCULATE PERCENT COMPLETED |

+-----+
TOTAL NUMBER OF LEGS : 12
NUMBER OF LEGS COMPLETED : 12.00
PERCENT COMPLETED : 100 %

SRU

SRU ID (TAIL/HULL) : N43FL
COMMAND : CG AUXILIARY
SRU TYPE : FIXED-WING
RADAR PLATFORM : NONE

+-----+
| PRE-SEARCH |

+-----+
CST : 211400Z SEP 16
ON SCENE ENDURANCE : 8.00 HRS
EST : 212200Z SEP 16
SEARCH SPEED : 105.00 KTS
SENSOR : VISUAL
ON SCENE WEATHER : PREDICTED

+-----+
| SEARCH OBJECTS |

NAME	SWEEP WIDTH
PIW WITHOUT PFD (AVERAGE)	0.12 NM
SPORT BOATS - CENTER CONSOLE	5.26 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE	1.44 NM

+-----+
| POST-SEARCH |

+-----+
ACTUAL CST : 211400Z SEP 16
ACTUAL EST : 211700Z SEP 16
TIME SEARCHED : 3.00 HRS
AVERAGE SPEED : 101.35 KTS

+-----+
| ON SCENE WEATHER (VISUAL) |

+-----+
VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT
CLOUD CEILING : 1500 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (VISUAL) |

+-----+
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
LENGTH : 1 FT
BEAM : 2 FT
HEIGHT : 1 FT

SRU CHARACTERISTICS

SEARCH SPEED : 105.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 0.10 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.20
= CORRECTED: 0.12 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
LENGTH : 32.0 FT
NUMBER OF PERSONS ON BOARD : 2
LENGTH : 32 FT
BEAM : 10 FT
HEIGHT : 8 FT

SRU CHARACTERISTICS

SEARCH SPEED : 105.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 4.78 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 5.26 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : VISUAL
SRU : FIXED-WING

ON SCENE WEATHER

VISIBILITY : 8.00 NM
WIND SPEED : 10.00 KTS
SEA HEIGHT : 1 FT

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
CAPACITY : 2 PERSON
NUMBER OF PERSONS ON BOARD : 1
LENGTH : 6 FT
BEAM : 5 FT
HEIGHT : 3 FT

SRU CHARACTERISTICS

SEARCH SPEED : 105.00 KTS
CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO

SWEEP WIDTHS

UNCORRECTED: 1.31 NM
X WEATHER CORRECTION FACTOR : 1.00
X FATIGUE CORRECTION FACTOR : 1.00
X SRU SPEED CORRECTION FACTOR : 1.10
= CORRECTED: 1.44 NM

TRANSITS SUMMARY

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION :
START TRANSIT SPEED : 105.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME :
+-----+
| ON SCENE |
+-----+
CSP : 40-50.357N 072-38.897W
CST : 211400Z SEP 16
TRACK LENGTH : 303.74 NM
PATTERN SEARCH TIME : 3.00 HRS
ESP : 40-41.838N 074-20.021W
EST : 211700Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION :
END TRANSIT SPEED :
END TRANSIT DISTANCE :

END TRANSIT TIME :
 END TIME :
 +-----+
 | TOTALS |
 +-----+
 TOTAL DISTANCE : 303.74 NM
 TOTAL TIME : 3.00 HRS

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	211400Z SEP 16	40-50.357N 072-38.897W	071	071 T / 085	35.88	35.88	00
2	211421Z SEP 16	41-01.616N 071-53.797W	054	054 T / 068	15.31	51.19	00
3	211430Z SEP 16	41-10.516N 071-37.270W	074	074 T / 088	25.15	76.34	00
4	211445Z SEP 16	41-17.283N 071-05.056W	062	062 T / 076	24.75	101.09	00
5	211459Z SEP 16	41-28.886N 070-35.923W	116	116 T / 131	10.06	111.15	00
6	211505Z SEP 16	41-24.460N 070-23.878W	206	206 T / 221	6.13	117.28	00
7	211509Z SEP 16	41-18.973N 070-27.519W	254	254 T / 269	3.06	120.34	00
8	211511Z SEP 16	41-18.128N 070-31.441W	258	258 T / 273	37.68	158.03	00
9	211533Z SEP 16	41-10.304N 071-20.462W	239	239 T / 253	17.25	175.28	00
10	211543Z SEP 16	41-01.404N 071-40.071W	253	253 T / 267	46.49	221.77	00
11	211611Z SEP 16	40-47.803N 072-38.897W	256	256 T / 270	64.90	286.67	00
12	211649Z SEP 16	40-31.805N 074-01.813W	306	306 T / 319	17.08	303.74	00
13	211659Z SEP 16	40-41.838N 074-20.021W	-----	-----	-----	303.74	---

CREEPING LINE SEARCH

```

-----
NAME           : G-1:CGR 2002-RADAR
CENTER        : 39-57.300N 072-03.300W
SEARCH AREA LENGTH : 134.40 NM
SEARCH AREA WIDTH  : 102.00 NM
MAJOR AXIS      : 075 T / 089 M
MINOR AXIS      : 165 T / 179 M
CORNER PT #1    : 40-28.368N 073-45.963W
CORNER PT #2    : 38-50.378N 073-09.699W
CORNER PT #3    : 39-24.746N 070-22.217W
CORNER PT #4    : 41-03.569N 070-54.710W
CSP           : 40-24.536N 073-36.858W
FIRST LEG DIRECTION : 165 T / 179 M
LEG LENGTH     : 90.80 NM
FIRST TURN     : LEFT
CREEP DIRECTION : 075 T / 089 M
RATE OF CREEP  : 26.88 KTS
TRACK SPACING  : 11.20 NM
MAG VARIATION  : 14 W
  
```

```

+-----+
| ACTUAL SEARCH |
+-----+
  
```

```

PERCENT COMPLETED : 100 %
TRACK LENGTH       : 1211.54 NM
ESP               : 40-56.762N 071-00.069W
AREA SEARCHED     : 13708.80 SQNM
  
```

```

+-----+
| CALCULATE PERCENT COMPLETED |
+-----+
  
```

```

TOTAL NUMBER OF LEGS      : 23
NUMBER OF LEGS COMPLETED : 23.00
PERCENT COMPLETED       : 100 %
  
```

SRU

```

---
SRU ID (TAIL/HULL) : CGR 2002
COMMAND           : ASEC
SRU TYPE          : FIXED-WING
RADAR PLATFORM    : HC_130J
  
```

```

+-----+
| PRE-SEARCH |
+-----+
  
```

```

CST           : 211200Z SEP 16
ON SCENE ENDURANCE : 8.00 HRS
EST           : 212000Z SEP 16
SEARCH SPEED    : 180.00 KTS
SENSOR         : RADAR
ON SCENE WEATHER : PREDICTED
  
```

```

+-----+
| SEARCH OBJECTS |
+-----+
  
```

```

-----
NAME                               SWEEP WIDTH
-----
  
```

PIW WITHOUT PFD (AVERAGE) 0.00 NM
SPORT BOATS - CENTER CONSOLE 11.73 NM
LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE 0.04 NM

+-----+
| POST-SEARCH |
+-----+

ACTUAL CST : 211205Z SEP 16
ACTUAL EST : 211705Z SEP 16
TIME SEARCHED : 5.00 HRS
AVERAGE SPEED : 244.80 KTS

+-----+
| ON SCENE WEATHER (RADAR) |
+-----+

WIND SPEED : 17.00 KTS
CLOUD CEILING : 3000 FT
PREDICTED/OBSERVED : PREDICTED

+-----+
| SRU PROPERTIES: DETAILS (RADAR) |
+-----+

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

+-----+
| SEARCH OBJECTS (SWEEP WIDTH) |
+-----+

VIEW SWEEP WIDTH : SEARCH OBJECT #1

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : PIW WITHOUT PFD (AVERAGE)
(ID) : 69
TYPE :
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 0.00 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #2

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : SPORT BOATS - CENTER CONSOLE
(ID) : 47
TYPE : POWER BOAT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

CORRECTED : 11.73 NM

VIEW SWEEP WIDTH : SEARCH OBJECT #3

=====

MODE

SENSOR : RADAR
SRU : FIXED-WING

ON SCENE WEATHER

WIND SPEED : 17.00 KTS

SEARCH OBJECT CHARACTERISTICS

SEARCH OBJECT : LIFE RAFT - NO BALLAST, CANOPY, W/ DROGUE
(ID) : 11
TYPE : RAFT
HAS RADAR REFLECTOR : NO

SRU CHARACTERISTICS

CREW FATIGUE : NO
SEARCH ALTITUDE : 1000 FT
NIGHT AS DAY : NO
RADAR PLATFORM : HC_130J
RADAR MODE : SS30

SWEEP WIDTHS

 CORRECTED : 0.04 NM

TRANSITS SUMMARY

```

+-----+
| STARTING TRANSIT LEG |
+-----+
START POSITION      :
START TRANSIT SPEED : 180.00 KTS
START TRANSIT DISTANCE :
START TRANSIT TIME :
START TIME        :
+-----+
| ON SCENE |
+-----+
CSP                : 40-24.536N 073-36.858W
CST                : 211205Z SEP 16
TRACK LENGTH      : 1211.54 NM
PATTERN SEARCH TIME : 5.00 HRS
ESP               : 40-56.762N 071-00.069W
EST               : 211705Z SEP 16
+-----+
| ENDING TRANSIT LEG |
+-----+
END POSITION       :
END TRANSIT SPEED :
END TRANSIT DISTANCE :
END TRANSIT TIME :
END TIME         :
+-----+
| TOTALS |
+-----+
TOTAL DISTANCE : 1211.54 NM
TOTAL TIME    : 5.00 HRS
  
```

EVALUATE

 REVIEWED : YES
 COMMENTS :

SORTIE DETAILS

LEG	DATETIMEGROUP	POSITION	COURSE T	MAGCSE M	LEG DIST NM	TOTAL DIST NM	LEG
1	211205Z SEP 16	40-24.536N 073-36.858W	164	164 T / 177	90.69	90.69	00
2	211227Z SEP 16	38-57.282N 073-04.717W	074	074 T / 087	11.20	101.89	00
3	211229Z SEP 16	39-00.290N 072-50.840W	344	344 T / 358	90.69	192.58	00
4	211252Z SEP 16	40-27.610N 073-22.710W	074	074 T / 087	11.20	203.78	00
5	211254Z SEP 16	40-30.655N 073-08.540W	164	164 T / 178	90.70	294.48	00
6	211317Z SEP 16	39-03.269N 072-36.943W	075	075 T / 088	11.20	305.68	00
7	211319Z SEP 16	39-06.221N 072-23.026W	345	345 T / 358	90.70	396.38	00

8	211342Z	SEP 16	40-33.671N	072-54.349W	074	074 T / 088	11.20	407.57	00
9	211344Z	SEP 16	40-36.659N	072-40.136W	165	165 T / 178	90.70	498.27	00
10	211407Z	SEP 16	39-09.145N	072-09.090W	075	075 T / 088	11.20	509.47	00
11	211409Z	SEP 16	39-12.042N	071-55.134W	345	345 T / 359	90.70	600.17	00
12	211432Z	SEP 16	40-39.618N	072-25.903W	075	075 T / 088	11.20	611.37	00
13	211434Z	SEP 16	40-42.548N	072-11.648W	165	165 T / 179	90.70	702.07	00
14	211457Z	SEP 16	39-14.910N	071-41.159W	075	075 T / 089	11.20	713.27	00
15	211459Z	SEP 16	39-17.750N	071-27.165W	345	345 T / 359	90.70	803.97	00
16	211522Z	SEP 16	40-45.450N	071-57.373W	075	075 T / 089	11.20	815.17	00
17	211524Z	SEP 16	40-48.322N	071-43.077W	165	165 T / 179	90.70	905.86	00
18	211547Z	SEP 16	39-20.562N	071-13.153W	076	076 T / 089	11.20	917.06	00
19	211549Z	SEP 16	39-23.346N	070-59.121W	346	346 T / 360	90.70	1007.76	00
20	211611Z	SEP 16	40-51.164N	071-28.761W	075	075 T / 090	11.20	1018.96	00
21	211614Z	SEP 16	40-53.978N	071-14.425W	166	166 T / 180	90.69	1109.65	00
22	211636Z	SEP 16	39-26.101N	070-45.071W	076	076 T / 090	11.20	1120.85	00
23	211639Z	SEP 16	39-28.828N	070-31.004W	346	346 T / 000	90.69	1211.54	00
24	211701Z	SEP 16	40-56.762N	071-00.069W	-----	-----	-----	1211.54	---

190038Z SEP16: WE ARE WORKING A SEARCH AND RESCUE CASE OFF OF RHODE ISLAND FOR A PERSON WITH A VERMONT DRIVERS LICENSE. THE PERSONS NAME IS [REDACTED] DOB: [REDACTED], DL# [REDACTED]. DO YOU HAVE ANY CELLPHONE NUMBERS FOR HIM?//WE DO NOT.//OK. THANK YOU.

190048Z SEP16: SPOKE WITH R/S. ASKED SHE FORWARD TEXT TO COMMAND CENTER INBOX

190112Z SEP16: QUIRED SENE ON CASE, FUTURE PLANNS (144 SEARCH) WORKED THROUGH POSS SEARCH AREA, FACTS OF REPORT.

190113Z SEP16: BRIEFED CAPT GAYNOR WITH NEW DETAILS, FACT PEPIRB REGISITED TO OPERATOR. NO CELL DATA. PRIVATE PERSON. NEW LOCATION SE OF BI WINDMILLS.

190120Z SEP16: BRIEFED ASCC TO EXPECT A 144 LAUNCH. DISCUSSED O/S TIME, RISK.

190130Z SEP16: REACHED OUT TO WINDHAM COUNTY PD IN VERMONT TO CONFIRM THAT [REDACTED] LIVES AT [REDACTED] AS THE VESSEL IDENTIFICATION SYSTEM SAYS HE DOES.

[REDACTED]) CONFIRMS THAT HE DOES LIVE THERE, BUT IS NOT HOME NOW.

[REDACTED] ALSO REPORTED THAT [REDACTED] DOES NOT HAVE A CELL PHONE.

190132Z SEP16: SECTOR SENE REQUESTED SLIS CC MAKE CALLOUTS FOR THE OVERDUE SPORT FISHER. ALSO REQUESTED STATION NEW LONDON AND STATION MONTAUK CONDUCT PRECOMS. SEC SENE OUC (MR. HARLAND) EMAILED VESSEL PICTURES AND POB NAMES.

190145Z SEP16: REACHED OUT TO SECTOR LIS OUC TO SEE IF STA NEW LONDON, AND STA MONTAUK COULD DO PRECOM ON [REDACTED] AND [REDACTED]

190145Z SEP16: SPOKE WITH MARINA, [REDACTED] SHOWED UP IN A DIFFERENT TRUCK THAN USUAL (BEAT UP VAN). NEVER PURCHASES FUEL FROM THERE AND IS A NEW RENTER OF A SLIP THIS YEAR. SHE SAYS HE MAKES A FEW TRIPS OUT AND NEVER MORE THAN A FEW DAYS. SHE ALSO INFORMED ME THAT THE PD HAD TOWED THE VEHICLES FROM THE PARKING LOT.

190146Z SEP16: STATION MONTAUK TASKED TO CONDUCT PRECOMS FOR THE 32FT SPORT FISHER OVERDUE FROM PT. JUDITH, RI.

190148Z SEP16: STATION NEW LONDON TASKED TO CONDUCT PRECOMS FOR THE 32FT SPORT FISHER OVERDUE FROM PT. JUDITH, RI.

190156Z SEP16: SLIS CC COMMENCED CALLOUTS FOR 32FT SPORT FISHER, REG RI7760W, WITH A [REDACTED] AND [REDACTED] ONBOARD OUT OF PT JUDITH, RI.

190201Z SEP16: RBM U/W STA PJ EN ROUTE CSP

190208Z SEP16: LAST POSITION FOR, 860-990-2589, FROM VERIZON, AT 180045Q IN POSITION 40.99631N -71.66898W.

190214Z SEP16: STATION MONTAUK REPORTED THEY COMPLETED PRECOMS WITH NEGATIVE RESULTS. THIS INCLUDED CONTACTING LOCAL COMMERCIAL SALVAGE COMPANIES, MARINAS, WATERFRONT RESTRUANTS AND TOWN PUBLIC DOCKS.

190218Z SEP16: D1CC LAUNCH 144.

190218Z SEP16: D1 PINGED CELL PHONE, LAST CALL MADE 0045LCL 18 SEP IN POSITION 40-59.779N 071- 40.139W, POSITION IS NOT IN INITIAL SEARCH AREA. DIVERTING HELO TO LKP

190222Z SEP16: REQUESTED TIME

190222Z SEP16: DIVERTED HELO TO CELL PHONE PING. 80% COMPLETE.

190228Z SEP16: CREATED NEW SAROPS DRIFT FROM LKP. THIS IS THE ONLY KNOWN POSITION OR AREA WE KNOW THE VESSEL HAD BEEN IN. IT IS IN THE OPPOSITE SIDE OF BLOCK ISLAND THAN ORIGIANLLY THOUGHT. DRIFTED AREA WAS BEING FLOWN BY HELO INITIALLY AND PATTERN FOR PJ RBM WAS IN AN AREA OF INCREASED PARTICLE ACCUMULATION, SO PATTERNS REMAINED THE SAME.

190233Z SEP16: BRIEFED CELL PING, CAPT GAYNOR. WANTS TO KNOW SRC.

190245Z SEP16: YOU NEED TO UPDATE THE LKP TIME OF YOUR DRIFT. THE PING WAS AT 0045LCL MAKING IT 0445Z.//ROGER.

190245Z SEP16: SLIS CDO (OSC [REDACTED] BRIEFED SMC (CDR REED) OF SLIS ASSISTANCE TO SEC SENE FOR THE OVERDUE SPORT FISHER OUT OF PT. JUDITH. D1CC MAY BE SENDING CGC BONITIO AS SRC TO ASSIST SENE.

190245Z SEP16: SRC IN SEARCH AREA 6 HRS FROM NY

190247Z SEP16: BRIEFED LIS, WILL BEING PRE/EX COMMS. CALLOUTS

190252Z SEP16: SENE OUC ([REDACTED] REPORTED D1 RAN THE CELL PHONE NUMBERS AND RECIEVED A PING APPROXIMATELY 10NM SW OF BLOCK ISLAND AT 0100Q 18 SEP 2016 ABOUT 22 HOURS AGO. THE DRIFT IS TO THE NE, SENE WILL MAINTAIN SMC.

190253Z SEP16: BRIEFED D1 SMC, CAPTAIN GAYNOR. CONCURS WITH LAUNCH OF SRC, CGC BONITO.

190255Z SEP16: REQUESTED TIME

190257Z SEP16: THE MH-60 HAD TO CONDUCT AN EMERGENCY LANDING DO TO A MALFUNTION. THEY ARE SAFE ON DECK ON BLOCK ISLAND.//ROGER.

190257Z SEP16: R6026 HAD IN FLIGHT EMERGENCY, LANDING BLOCK ISLAND.