

19950919H1-AXBT

1.5
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Form E-4
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AXBT and AXCP Check Sheet

Flight Number 950919H

AXBT/AXCP Contract Number _____

Take-off Time _____

Landing Time _____

Storm Marilyn

AXCP/ AXBT#/ Type	Channel Number	Lot Number	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat. Deg. Min.	Predicted Long. Deg. Min.	Actual Lat. Deg. Min.	Actual Long. Deg. Min.	Surface Temp. AXBT IRT	MLD (m)	Comments
1				153330	29 35	69 52	29 35	69 52	27.1 24.8	45	
2				153755			29 35	69 30	26.8		
3				154037			29 36	69 16	26.8		
4				154419			29 36	69 00	25.8 22.8		
5				154828			29 36	68 39	25.5 22.1		
6				155216			29 36	68 20	— 23.8		
7				155620			29 36	68 00	24.8 23.3		
8				160217			29 37	67 30	24.7 23.4		
9				160813			29 36	67 00	26.1 23.9		
10				161450			29 39	66 31	26.5 23.9 24.1		
11				162144			30 01	66 48	26.6 24.5 18.0		
12				162658			30 18	67 02	— 24.2		
13				163220			30 34	67 15	25.1		

*M = Magnavox; H = Hermes; S = Sippican.

date start
to
NG (partial data
below MLD)
NG (SST only)
cut out early
noisy
NG
wire breaking early
on abt of AXBT's

4/15/50

Survey 1
14271 *

Survey 2
14276 *

AXCP Log

Flight Number _____

Storm Name _____

Storm Direction/Speed _____

Take-off Time _____

Landing Time _____

[illegible][illegible]

(2)

AXBT and AXCP Check Sheet

Flight Number 950919H

AXBT/AXCP Contract Number _____

Take-off Time _____

Landing Time _____

Storm _____

AXCP/ AXBT#/ Type	Channel Number	Lot Number	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat. Deg. Min.	Predicted Long. Deg. Min.	Actual Lat. Deg. Min.	Actual Long. Deg. Min.	Surface Temp. AXBT IRT	MLD (m)	Comments
14				163739			30 51	67 28	24.2 22.8		
15				164318			31 09	67 39	—		NG 80 kt
16				164730			31 25	67 44	— 24.0		NG 80 kt
17				170240			32 17	67 52	27.7 24.0		center of eye
18		Hermes		171045			32 45	68 04	26.0		
19		✓		171553			33 03	68 17	25.8		80 kt
20		✓		173900			32 25	68 07	24.4		
21		✓		174800			32 27	68 34	24.5		85 kt
22		✓		175438			32 29	68 06	25.2		
23		✓		180516			32 22	67 20	26.4		
24		✓		181209			32 09	66 51	26.3		90 kt over WSD buoy
25		✓		182027			31 55	66 20	26.6		
26		✓		182530			31 55	66 02	27.3		

*M = Magnavox; H = Hermes; S = Sippican.

Landing Time _____

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AXBT and AXCP Check Sheet

Flight Number 950919H

AXBT/AXCP Contract Number _____

Take-off Time _____

Landing Time _____

Storm _____

AXCP/ AXBT#/ Type	Channel Number	Lot Number	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat. Deg. Min.	Predicted Long. Deg. Min.	Actual Lat. Deg. Min.	Actual Long. Deg. Min.	Surface Temp. AXBT IRT	MLD (m)	Comments
27			183303				32 33	66 10	26.2		
28			184021				33 09	66 22	24.5		noisy below MLD
28			184316				33 24	66 27	buoy		WS = 80 ft
29			184450				33 24	66 32	24.4		noisy below MLD
30			185057				33 12	66 53	23.5		80-85 ft
31			185726				32 59	67 16	23.5		
32			190317				32 47	67 39	26.1		exact eye center WS = 5 ft
33			191057				32 29	68 07	25.0		
34			192209				32 03	68 45	24.2		
35			193218				31 41	69 20	26.0	23.8	over WSD 323/42 ft
36			1 buoy msg - got lost!								

*M = Magnavox; H = Hermes; S = Sippican.

only 2 DUDS - wow!
100% success with Hermes!

buoy drop →
14274

Landing Time _____

[illegible][illegible]

AXBT and AXCP Check Sheet

Flight Number 45091914
Take-off Time 1300
Storm Marilyn

AXBT/AXCP Contract Number _____
Landing Time _____

AXCP/ AXBT#/ Type	Channel Number	Lot Number	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat. Deg. Min.	Predicted Long. Deg. Min.	Actual Lat. Deg. Min.	Actual Long. Deg. Min.	Surface Temp. AXBT IRT	MLD (m)	Comments
1			1533				29 36	69 42	26.5		
2			1538				29 36	69 30	26.5		
On After 3			1540 1541				29 36 29 36	69 16 69 14	26.5		
4			1544				29 36	69 00	26.7		
5			1548				29 36	68 39	25.9		
6			1552				29 36	68 19	25.2		
On After 7			1556 1556				29 36 29 36	68 00 67 58	25.0		
8			1602				29 37	67 29	24.5		
9			1608				29 36	67 00	26.0		
10			1615				29 40	66 32	26.5		
11			1621				30 01	66 48	26.6		
12			1627				30 18	67 02	Failed		
13			1632				30 36	67 18	25.9		

*M = Magnavox; H = Hermes; S = Sippican.

(Over)

AXBT (cont'd)

AXCP Log

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Flight Number 950919H1

Storm Name Marilyn

Storm Direction/Speed _____

Take-off Time _____

Landing Time _____

Leg #	Out/In	RA (m)	PMIN (mb)	VMAX (m/s)	RMAX (km)	Time PMIN	Time VMAX	Time End Pass

Leg/ Drop No.	Tube No.	Channel No.	Probe Type		Ground Speed	Predicted Drop Time	Actual Drop Time	Latitude	Longitude	Status		SST Comments
			Slow	Reg.						Good	Bad	
14							163730	30.51	67.28	✓		24.2°
15							1643	31.09	67.39		✓	FAILED
16							1647	31.24	67.43		✓	FAILED
17							First center			✓		26.0
18							1710	32.45	68.04	✓		25.8
19							1715	33.03	68.17	✓		25.8
20							1739	32.25	69.13			24.5
21							1748	32.27	68.28			24.6
22							1805	32.22	67.20			26.0 26.0
23							1812	32.09	66.50			26.5
24							1820	31.55	66.20			26.6
25							1825	31.54	66.02			27.3

SE
eye

near
SE

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AXBT and AXCP Check Sheet

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Flight Number 950919141

AXBT/AXCP Contract Number _____

Take-off Time _____

Landing Time _____

Storm Marilyn

AXCP/ AXBT#/ Type	Channel Number	Lot Number	Predicted Drop Time (HHMMSS)	Actual Drop Time (HHMMSS)	Predicted Lat. Deg. Min.	Predicted Long. Deg. Min.	Actual Lat. Deg. Min.	Actual Long. Deg. Min.	Surface Temp. AXBT IRT	MLD (m)	Comments
26				1833		32 33		66 10	26.3		
27				1840		33 08		66 22	24.5		
After				1843		33 23		66 27	—		
28				1845		33 25		66 33	24.4		
29				1851		33 12		66 53	23.7		
30									26.1		
31											
32											
33											
34				1931		31 42		69 19			
35											

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Landing Time _____

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