AIR-SEA INTERACTION CHECK LIST

FLIGHT 9780902 II-AXBT

Pre-deployment (following 48 hour alert)

Check radiometer calibration; if points deviate by 1) more than .15°C, recalibrate

		42RF
(Astro K		43RF
	2)	Arrange for deployment of needed AXBT units to staging base
	3)	Participate in flight crew, flight director briefing on proposed flight plan and AXBT drop sequence.
Pre-f	lig	ht (following 24 hour alert) 116 9 internal AKBT. Sand loading?
	0)	Try wrapping green wrap and what what down on comemon -
	1)	on AVBT Jude chest nummary
	2)	Check that 3 antennas are in
	•	place and secured Only Lantenny
÷	•	
	3)	Turn on receiver and run through
	· ·	calibration sequence - check for
		proper operation
	4)	Check operation of strip chart
		recorder; set chart drut on al 1 mg
		not scale on 0-5 V; set pend on yord; at receivers on carmente per anding
	5)	Check that required number of AXBT's adjust por is within a strong
		are loaded externally and internally
		(remove tape from these) and that
		externally loaded tubes are labelled
• •		according to channel number on the
		launch control panel
	-	
	(6)	Clean radiometer lens
•	,	
	7)	Check proper operation of radiometer -
1.1		compare meter reading and output of
	•	digital system while performing field
		calibration check at 3 temperatures

8) abtain feet estimate of radius of max back of night wind, Ran maximation wind, Van, combination of AXBT and minute pressure, Pan " awarely made this and minute pressure, Pan " awarely made this 9) let up receivers 1 and 88 3 (left hand and



NUMBERS

0.3 669 Famil

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E. Proposed Flight Patterns Actual IS manked OK



NOT DONE OK

F. Actual Flight Patterns



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AXBT Drops by #

NUD 1

31

SE

#21

Post takeoff

- Log takeoff time 1)
- 2) Turn on radiometer
- Turn on AXBT receiver, check 3) for proper operation
- Turn on strip chart recorder, 4) setting chart rate at .1 in/sec and voltage scale at 0-5 v, adjust 0 and 5 volt readings to edges of paper
- Have line printer turned on and set 5) at one sample per second rate, run through three calibration frequencies on all AXBT receivers

6) Let up graphics via terminal Enter necessary programs vie terminal 7)

- In flight
 - 1) Check radiometer every 1/2 hour liter #XST legs. Dometimes 2) Uptale estimate of Puse and for interity at last 2) Run through AXBT calibration at the runs furt AXBT chop
 - beginning and end of each flight leg

Log times of all ascents and descents 3)

DUSV

- Label head and tail of strip chart 4) with flight number, number each, AXBT trace. For chart on before each
- 5) Encode AXBT traces between AXBT lego, Aster definer logs to flight disctor for transmission, log time of transmission on the log Prior to landing

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1) Run through AXBT calibration