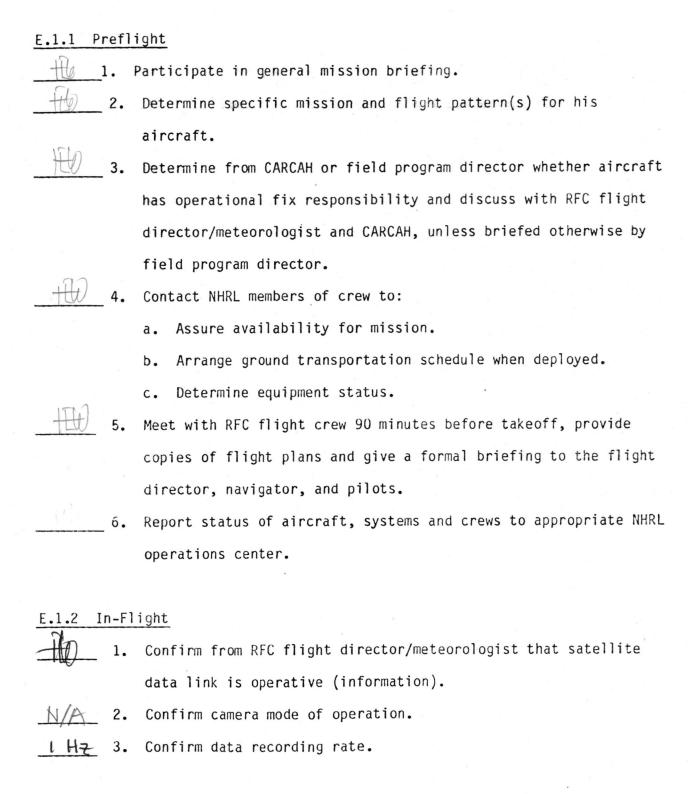
# 19850815HI\_LPS

#### E.1 Lead Project Scientist (On-Board)

The on-board lead project scientist is responsible for carrying out the scientific mission of his assigned aircraft. (Check off and initial when completed.)



111 2		
111	4.	Discuss flight pattern and possible changes to the flight pattern
		directly with the flight director. Proper in-fight coordination
		between the lead project scientist, the flight director, the
		pilots and the navigator, may permit the lead project scientist
		to specify in flight the end of one pattern leg and the beginning
		of the next leg.
	5.	Accomplish the true airspeed calibration pattern en route to or
		from the storm.
	6.	Complete all form E-1 checklists.
E.1.3 Po	stf	light
	1.	Debrief crew.
	2.	Gather completed forms for mission and turn in at the operations
		center.
	3.	Contact the local NHRL ground operations center before leaving
		the aircraft area, if possible. Report landing time, aircraft,
		crew and mission status to NHRL operations center. Transmit any
		important messages to all NHRL participants.
	4.	Determine next mission status, if any, and brief crews as
		necessary.
	5	Notify operations center as to where you can be contacted.

en artik kilonomia kalender en barrokke, ritura, sambig artik jarrok je bir kalender

Form E-1 Page 1 of 5

# On-board Lead Project Scientist Checklist

Function Participant	Function Gust Probe	Participant
ead Proj. Sci. WILLOUGHIBY		
Cloud Physics WILL S	Omegasonde Sys Eng	
Hot Film	Data Tech	
Radar MAIZKS LOIZD	El Tech	
Fit Dir/Met PARRISH	Other RADIO	275100
Take Off 15/0345 Location MIA	Landing(5/1335	Location
19/02/03		
B. Past and Forecast Storm Position	Longitude	MSLP
B. Past and Forecast Storm Position  Date Time Latitude	Longi tude	MSLP 995
B. Past and Forecast Storm Position  Date		
B. Past and Forecast Storm Position  Date Time Latitude		
B. Past and Forecast Storm Position  Date		
B. Past and Forecast Storm Position		
B. Past and Forecast Storm Position  Date		

Form E-1 Page 2 of 5

#### D. Equipment Status

Equipment	Pre Flt	In Flt	Post Flt	Reports Collected
Aircraft	1			
Radar	$\uparrow$			
Cloud Physics				
Data Sys	1	7		
Omegasondes	NOB			
AXBT				
Gust Probe				
Hot Film			and the second s	
Photography	1			
Quadratic and Allert Control Control Control Control				

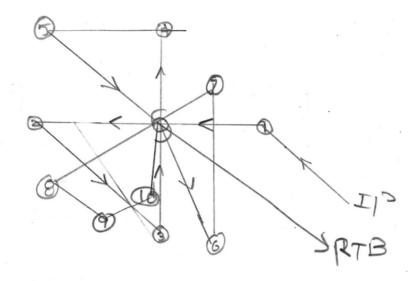
REMARKS HAD INTERMITTANT BAD DYNAMIC PRESSURES
WHICH LED TO BAD WINDS.

LOCEED POSITIONS NIOMIN OF
ACTUAL

Form E-1 Page 3 of 5

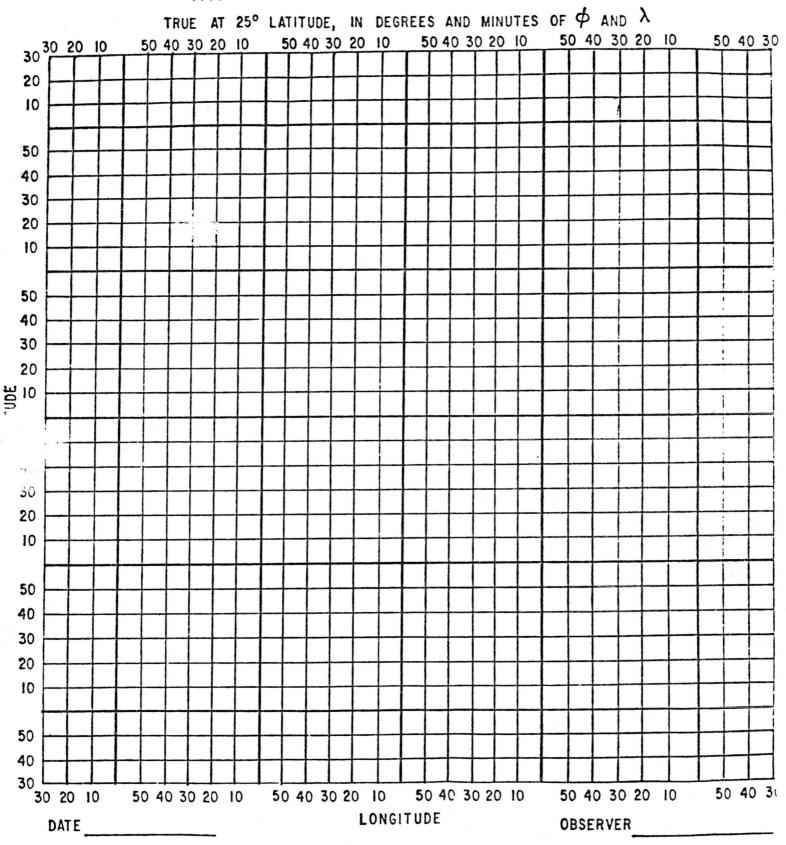
### E. Proposed and Actual Flight Patterns

ROTATING FOUR



BY PROXIMITY TO LAND

### HURRICANE RECCO PLOTTING CHART



NOTE: Label full degrees according to location of flight area

DATE 15

## FLIGHT 850

#### Lead Project Scientist Event Log

EVENT	TIME*	POSITION	COMMENTS**
T/0	15/0345	MIA	
PAPAR PAR	0524	27.01	DESCENT STARTSZ
COURDS	0531	,*	28-92 - COORDS
IP	0535	27.33	AT 5000' RADAR
TURN O	0545	27.44 89.68	270->9
6)	0627	28-12	TIZAK B → 270 993 MB
TURN (2)	0652	28-13	OF FIRST FOUR
TURN 3	0724	26.62	TTZAK 360 TO 6
(2)	0151	28.38	1724× 55-> 360
TURN (1)	0807	29-36 92-41	OUTSIDE TURN TO
TUTEN 3	0831	29-37 94-30	TTZAK 116 -> 69
3)	0858	28.90	9911
TURN 6	0922	27.53	TRAK N TO COASTLING
TURIN(9)	0948	29.43	TRAK 240 -> 9
(P)	1005	29.03 92. <b>73</b>	TIZAK 240 97
TURN 8	1030	28.24	TTZALK 120
TURN (10)	1039	27.91 93.74	TIZAK 082
9	1106	29.04	989 MB
FINAL POIN		28.48	CLIMB
LAND	1335	MIR	

<sup>\*</sup>Log times of all significant altitude changes, turns, and eye fixes \*\*Ilew altitude, heading, center position, etc. 52