

19830817IILPS

Form E-1
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On-board Lead Project Scientist Checklist

DATE 8/17/83

AIRCRAFT 43

FLT 830817I1

A. Participants

Function	Participant	Function	Participant
Lead Proj. Sci.	<u>JORGENSEN</u>	Gust Probe	<u>—</u>
Cloud Physics	<u>WILLIS</u>	Omegasonde	<u>—</u>
AXBT	<u>—</u>	Sys Eng	<u>Schricker</u>
Hot Film	<u>—</u>	Data Tech	<u>Stone</u>
Radar	<u>Goldenberg / Chewig</u>	El Tech	<u>Goldstien</u>
Flt Dir/Met	<u>Davis</u>	Other	<u>—</u>

Take Off 0100Z Location MIA Landing 1010Z Location New Orl.

B. Past and Forecast Storm Position

Date	Time	Latitude	Longitude	MSLP
<u>8-16</u>	<u>1600Z</u>	<u>27.0</u>	<u>92.5</u>	<u>1004</u>
<u>8-16</u>	<u>2200Z</u>	<u>27.3</u>	<u>93.1</u>	<u>991</u>
<u>8-17</u>	<u>0600Z</u>	<u>27.9</u>	<u>93.8</u>	<u>990</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

C. Mission Briefing

will fly monwg fig 14 ("THE WILLOUGHBY"
pattern.) Responsible for only 0900Z Fix
Air Force in at 10kft until 0600Z

D. Equipment Status

<u>Equipment</u>	<u>Pre Flt</u>	<u>In Flt</u>	<u>Post Flt</u>	<u>Reports Collected</u>
Aircraft	ok	ok	ok	Yes
Radar	ok	ok	ok	Yes
Cloud Physics	ok	No FSSP	No FSSP	Yes
Data Sys	ok	ok	ok	
Omegasondes	—	—	—	
AXBT	—	—	—	
Gust Probe	—	—	—	
Hot Film	—	—	—	
Photography	N/A	—	—	
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

REMARKS

Randy unable to load Hasselblad camera

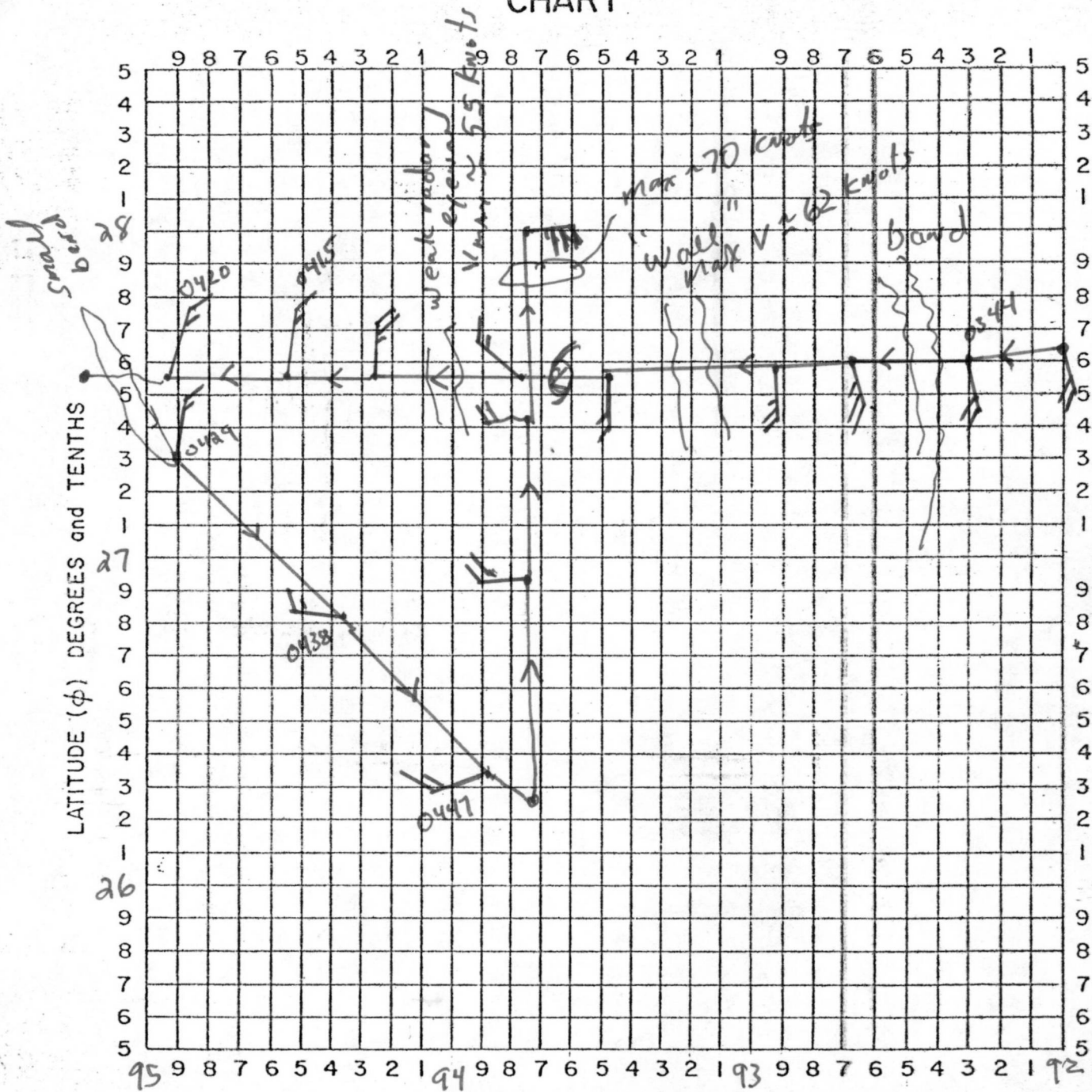
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E. Proposed and Actual Flight Patterns

E.1.3 Postflight

- _____ 1. Debrief crew.
- _____ 2. Report landing time, aircraft, crew and mission status to HRD operations center.
- _____ 3. Gather completed forms for mission and turn in at the operations center.
- _____ 4. Determine next mission status, if any, and brief crews as necessary.
- _____ 5. Notify operations center as to where you can be contacted.

HURRICANE RECCO PLOTTING CHART



DATE 830817 Alicia
OBSERVER JORGENSEN

#1

NOTE: Label full degrees according to location of flight area

HURRICANE RECORD PLOTTING CHART

Latitude (ϕ) DEGREES and TENTHS

Longitude (λ) DEGREES and TENTHS

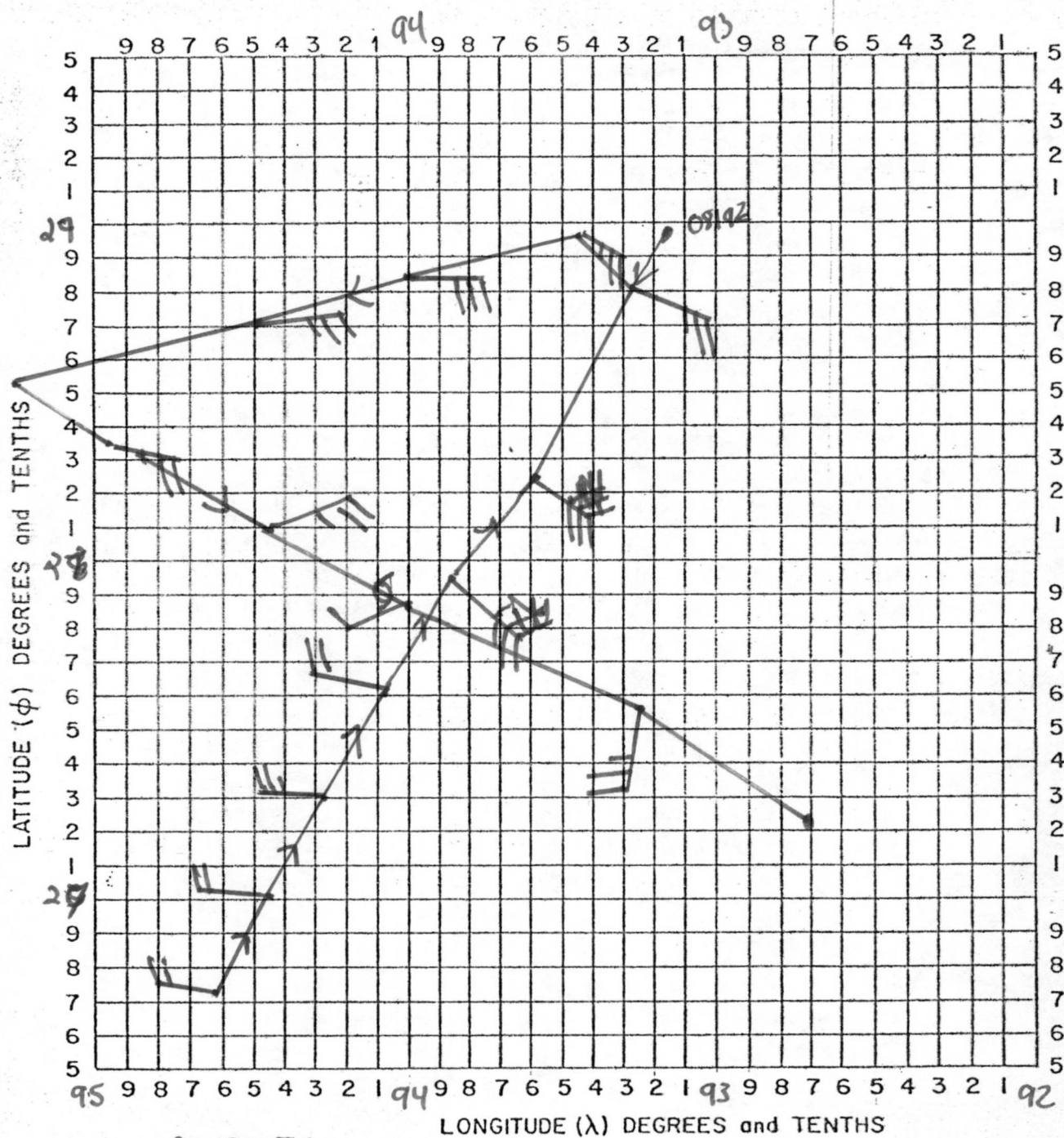
Handwritten Data and Notes:

- Pressure Readings:** 0547, 0532, 0600, 0633, 0647, 0645, 0711, 0712, 0722.
- Notes:** "Max ~40 mph", "multicell wind maxima".
- Path Description:** The storm track begins at approximately 28.1°N, 94.3°W, moves generally west-northwest, then curves north and finally east-northeast, ending near 26.1°N, 92.1°W.

NOTE: Label full degrees according to location of flight area

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HURRICANE RECCO PLOTTING CHART



DATE 830817 I I

OBSERVER Jorgensen

NOTE: Label full degrees according to location of flight area

#3

