

RADAR PREFLIGHT CHECKLIST

FLIGHT # 19820812 I1 - RADAR  
 A.C. # 43 RF  
 OPERATOR Cheng / Markes  
 RADAR TECH Al Goldstein

AUG 12 1982

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 12NUMBER OF VIDEO TAPES ONBOARD 4NUMBER OF TAPE LABELS ON BOARD 750

COMPONENT SYSTEMS UP AND CHECKED.

RDSC ✓  
 COMPUTER ✓  
 DMTR1 ✓  
 DMTR2 ✓

VTR ✓  
 DSC1 ✓  
 DSC2 ✓  
 SCOPES ✓

NO ✓  
 LF ✓  
 TA ✓

Time correction between radar time and digital time \_\_\_\_\_

RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 \_\_\_\_\_  
 DMTR 2 \_\_\_\_\_

NUMBER OF VIDEO TAPES USED \_\_\_\_\_

SIGNIFICANT RECORDER DOWN TIME (other than for tape changes).

DMTR: LF \_\_\_\_\_  
 NO \_\_\_\_\_  
 TA \_\_\_\_\_

VTR: LF \_\_\_\_\_  
 NO \_\_\_\_\_  
 TA \_\_\_\_\_

OTHER PROBLEMS: (stabilization, interference, etc.)

## AUG 12 1982

OPERATOR Cheng Mark SHEET 1 OF 1

[illegible]

# NHRL DOPPLER RADAR TAPE LOG

FLIGHT 820812I

AIRCRAFT 43 RF

OPERATOR

Parrish / Fienberg

SHEET 1 OF 1

| TAPE # | TIME ON | TIME OFF | SOURCE |   |   | *<br>FOLDED RATE | COM<br>RATE | COMMENTS     |
|--------|---------|----------|--------|---|---|------------------|-------------|--------------|
|        |         |          | V      | H | S |                  |             |              |
| 1      | 183901  | 190000   |        |   | L | 32               |             | 7 LBS OF BOX |
| 2      | 190357  | 192035   |        |   | L | "                |             | 5 " "        |
| 3      | 192512  | 193900   |        |   | L | "                |             | 3 " "        |
| 4      | 194125  | 195655   |        |   | L | "                |             | 3 " "        |
| 5      | 201750  | 203535   |        |   | L |                  |             | 6 " "        |
| 6      | 203722  | 205200   |        |   |   |                  |             |              |
| 7      | 215425  | 211241   |        |   |   |                  |             |              |
| 8      | 211457  | 213135   |        |   |   |                  |             |              |
| 9      | 213327  | 214826   |        |   |   |                  |             |              |
| 10     | 215000  | 2210     |        |   |   |                  |             |              |

## TEMP DROPWINDSONDE COMMUNICATION WORKSHEET

|                        |                         |               |
|------------------------|-------------------------|---------------|
| (MANOP HEADING)        | UZNT13 KMIA — — — — — Z | TIME RECEIVED |
| (AIRCRAFT #/MISSION #) | NOAA-- -- -- -- -- OB-- |               |
| STORM NAME             |                         |               |

|       |          |       |         |       |                       |       |         |
|-------|----------|-------|---------|-------|-----------------------|-------|---------|
| XXAA  | 2 spaces | 62195 | 99262   | 70819 | 99                    | 28845 | 2CR 1LP |
| 00    |          | 27040 | 20004   | 85    | 17440                 | 06013 | 2CR 1LP |
| 25012 |          | 50    | 07358   | 21010 | <del>XXXXXXXXXX</del> |       | 88999   |
| 77    |          | 11111 | 2CR 1LP |       |                       |       |         |

~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~

XXBB 2 spaces 62195 99262 70819 00019 28845

(Signatures)

E.O.M.  
 1LTR  
 2CR  
 3LF  
 NNNN  
 LTR'S

ENTER WIND

SPEED IN KNOTS

|      |       |       |       |       |
|------|-------|-------|-------|-------|
| XXAA | 62185 | 99262 | 70819 | 11111 |
|------|-------|-------|-------|-------|

went off at 1840Z

( SURFACE )

( 1000 mb lvl )

( 850 mb lvl )

( 700 mb lvl )

( 500 mb lvl )

( 400 mb lvl )

( 300 mb lvl )

|    |       |       |
|----|-------|-------|
| 99 | 28845 | 11111 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 00 | 27040 | 29004 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 85 | 17440 | 06013 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 70 | 07257 | 25012 |
|----|-------|-------|

|    |       |       |
|----|-------|-------|
| 50 | 07358 | 21010 |
|----|-------|-------|

|    |  |  |
|----|--|--|
| 40 |  |  |
|----|--|--|

|    |  |  |
|----|--|--|
| 30 |  |  |
|----|--|--|

AUG 12 1982

## NOTES:

- (1) Add 50 to GMT date to indicate wind speeds in KNOTS.
- (2) Code for the highest mandatory pressure level with a wind. Use the following numbers: 3=300mb, 4=400mb, 5=500mb, 7=700mb.
- (3) 1=lat N, long E; 3=lat S, long E; 5=lat S, long W; 7=lat N, long W.
- (4) Surface pressure in whole millibars (hundreds, tens & units) - tenths value rounded off. (e.g. 1017.6mbs encoded as 018).
- (5) Coding temps: Enter even tenths value if temp positive. Enter odd tenths value if temp negative.
- (6) See code table for Dew pt. depressions...
- (7) 88999 indicates no trop in sounding. "77" is indicator for max. wind (in mbs) & is only sent when sounding is above 500mb and is greater than 60 knots.
- (8) XXBB same as XXAA with "00" indicator a repeat of the first level sent in XXAA...