



## U.S. Dept. of Commerce/NOAA/Aircraft Operations Center

AOCW-2

Flight ID: 020314N Time Off: 2002Z Time On: 0323Z

A/C (Take Off)

Wx Stn (Take Off)

A/C (Land)

Wx Stn (Land)

Pressure

1018.5

30.08

1026.0

30.41

Number

Data Disposition/Date/Quality

Slow/Fast Flt Lvl Tapes

Radar Tapes

Cloud Physics Tapes

Video Tapes

AXBT

AXCP

AXCTD

Dropsondes

30

20 NCEP; 10 MEL; 3 bad; 28 messages sent

Video

Forward

Left Side

Right Side

Down

Remarks

Time On

Time Off

Rate

Remarks

18

Flight ID: 020314N

Page 1 of 1

| U.S. Dept. of Commerce/NOAA/Aircraft Operations Center Form 1 |      |       |     |     |          |          |                 |                |             |           |            |            |            |               |  |
|---------------------------------------------------------------|------|-------|-----|-----|----------|----------|-----------------|----------------|-------------|-----------|------------|------------|------------|---------------|--|
| Time                                                          | Lat  | Long  | Trk | Hdg | Wind Dir | Wind Spd | T <sub>a</sub>  | T <sub>i</sub> | Press. Alt. | Geo. Alt. | Sfc Press. | Press. Sfc | Dyn. Press | Remarks       |  |
| 203600                                                        | 2400 | 15620 | 20  | 5   | 324      | 53       | -56.3           | -66.7          | 12486       | 12990     | —          | 175.6      | 86.3       | AKV BKN CC    |  |
| 204900                                                        | 2519 | 15617 | 1   | 351 | 321      | 54       | -56.3           | -69.9          | 12491       | 12963     | —          | 175.5      | 88.8       | SCT SC        |  |
| 205553                                                        | 2600 | 15616 | 1   | 351 | 321      | 56       | -56.1           | -70.1          | 12493       | 12951     | —          | 175.5      | 89.0       | DROP (21)     |  |
| 211535                                                        | 2800 | 15612 | 2   | 350 | 313      | 56       | -54.8           | -70.3          | 12494       | 12910     | —          | 175.7      | 89.3       | DROP (23)     |  |
| 213451                                                        | 3000 | 15608 | 2   | 350 | 310      | 55       | -53.1           | -69.3          | 12495       | 12876     | —          | 175.7      | 88.4       | DROP (56)     |  |
| 215347                                                        | 3200 | 15604 | 2   | 353 | 318      | 44       | -54.7           | -70.0          | 12491       | 12813     | —          | 175.8      | 88.9       | DROP (19)     |  |
| 220200                                                        | 3253 | 15602 | 2   | 353 | 316      | 41       | -55.0           | -70.0          | 12489       | 12776     | —          | 175.8      | 88.1       | BKN CC        |  |
| 221233                                                        | 3400 | 15600 | 337 | 332 | 314      | 43       | -55.9           | -70.0          | 12485       | 12746     | —          | 175.9      | 88.6       | DROP (56)     |  |
| 222610                                                        | 3502 | 15707 | 317 | 314 | 306      | 45       | -55.5           | -70.4          | 12492       | 12739     | —          | 175.8      | 89.3       | DROP MEL (29) |  |
| 223917                                                        | 3600 | 15813 | 317 | 312 | 298      | 47       | -55.5           | -70.7          | 12485       | 12719     | —          | 176.0      | 87.4       | DROP (13)     |  |
| 225309                                                        | 3701 | 15924 | 317 | 310 | 289      | 44       | -55.2           | -70.3          | 12489       | 12697     | —          | 176.0      | 90.0       | DROP MEL (22) |  |
| 230618                                                        | 3800 | 16036 | 316 | 308 | 282      | 45       | -54.3           | -69.7          | 12486       | 12648     | —          | 176.0      | 88.1       | DROP (17)     |  |
| 232034                                                        | 3902 | 16154 | 315 | 305 | 270      | 50       | -55.4           | -69.8          | 12486       | 12599     | —          | 176.0      | 87.8       | DROP MEL (14) |  |
| 233345                                                        | 4000 | 16311 | 314 | 302 | 259      | 52       | -56.9           | -70.7          | 12490       | 12561     | NO WINDS   |            |            | DROP (20)     |  |
| 233707                                                        | 4015 | 16331 |     |     |          |          |                 |                |             |           |            |            |            | DROP (19)     |  |
| 234909                                                        | 4100 | 16434 | 312 | 301 | 243      | 46       | -54.8           | -70.8          | 12487       | 12503     | 176.0      | 176.0      | 88.3       | DROP MEL (23) |  |
| 235919                                                        | 4200 | 16551 | 10  | 2   | 241      | 40       | -52.8           | -68.9          | 12484       | 12442     | 177        | 178.0      | 88.3       | DROP (39)     |  |
| 000954                                                        | 4251 | 16410 | 56  | 58  | 233      | 26       | -53.5           | -69.3          | 13050       | 13060     |            | 162.0      | 79.7       | DROP (15)     |  |
| 002019                                                        | 4333 | 16234 | 60  | 59  | 233      | 26       | -54.1           | -69.0          | 13050       | 13072     |            | 162.0      | 78.9       | DROP (26)     |  |
| 003220                                                        | 4424 | 16029 |     |     |          |          |                 |                |             |           |            |            |            | DROP MEL (30) |  |
| 004353                                                        | 4507 | 15838 |     |     |          |          | NO LAUNCH DETEC |                |             |           |            |            |            | DROP          |  |
| 004448                                                        | 4512 | 15825 | 62  | 60  | 254      | 17       | -55.1           | -70.1          | 13065       | 13163     | —          | 159.6      | 81.5       | DROP (42)     |  |
| 005704                                                        | 4557 | 15617 | 64  | 61  | 263      | 16       | -55.5           | -70.1          | 13067       | 13095     | —          | 159.7      | 81.1       | DROP MEL (35) |  |
| 011006                                                        | 4640 | 15405 | 66  | 63  | 266      | 16       | -56.4           | -70.7          | 13058       | 13092     | —          | 159.8      | 80.1       | DROP (21)     |  |
| 011957                                                        | 4729 | 15256 | 6   | 360 | 281      | 20       | -59.4           | -72.0          | 13059       | 13094     | —          | 159.8      | 80.4       | DROP MEL (32) |  |
| 012600                                                        | 4813 | 15249 | 6   | 360 | 279      | 21       | -59.6           | -72.8          | 13060       | 13078     | —          | 159.8      | 80.2       | DROP (16)     |  |
| 013251                                                        | 4902 | 15241 | 6   | 0   | 270      | 18       | -59.9           | -72.8          | 13060       | 13033     | —          | 159.8      | 80.1       | DROP MEL (16) |  |
| 013849                                                        | 4947 | 15233 | 6   | 0   | 269      | 19       | -58.5           | -72.8          | 13064       | 13049     | —          | 159.8      | 80.8       | DROP (16)     |  |
| 014512                                                        | 5034 | 15225 | 6   | 0   | 262      | 18       | -58.5           | -72.3          | 13062       | 13038     | —          | 159.7      | 80.5       | DROP MEL (18) |  |
| 015117                                                        | 5120 | 15219 |     |     |          |          |                 |                |             |           |            |            |            | DROP (9)      |  |
| 020343                                                        | 5253 | 15200 | 6   | 2   | 247      | 14       | -58.7           | -72.2          | 13062       | 13009     | —          | 159.8      | 80.6       | DROP (19)     |  |
| 021613                                                        | 5427 | 15141 | 7   | 2   | 254      | 17       | -56.9           | -71.6          | 13057       | 12976     | —          | 159.8      | 79.6       | DROP (14)     |  |
| 022846                                                        | 5600 | 15121 | 7   | 1   | 264      | 19       | -56.5           | -71.6          | 13059       | 12952     | —          | 159.8      | 80.5       | DROP (18)     |  |

# N49RF AVAPS DropSonde Log

N49RF Project: WINTER STORMS 2002 Flight ID 020314N

Mission: HNL - ANC Flight #: 16 System Status: OK

| Drop # | Sonde Serial Number  | Chn. #       | Time (Zulu)     | Press. offset | Winds time | Operator Initials | Comments / Drop Status/ Failure Reason | GOOD <input checked="" type="checkbox"/> |
|--------|----------------------|--------------|-----------------|---------------|------------|-------------------|----------------------------------------|------------------------------------------|
| 1      | 003475032            | 1            | 2055            | -0.3          | 21         | ASG               |                                        | ✓                                        |
| 2      | 003338156            | 1            | 2115            | 0             | 23         |                   |                                        | ✓                                        |
| 3      | 003115076            | 1            | 2134            | .4            | 56         |                   | INTERMIT WINDS ABOVE 300MB             | ✓                                        |
| 4      | 003515023            | 1            | 2153            | 0             | 19         |                   |                                        | ✓                                        |
| 5      | 003825210            | 1            | 2212            | 0             | 56         |                   |                                        | ✓                                        |
| 6      | 003248052            | 2            | 2226            | .4            | 29         |                   |                                        | ✓                                        |
| 7      | 003248050            | 1            | 2239            | .4            | 13         |                   |                                        | ✓                                        |
| 8      | 003338154            | 2            | 2253            | 0             | 22         |                   |                                        | ✓                                        |
| 9      | 003515021            | 1            | 2306            | .4            | 17         |                   |                                        | ✓                                        |
| 10     | 003475007            | 2            | 2320            | 0             | 14         |                   |                                        | ✓                                        |
| 11     | 003515014            | 1            | 2333            | 0             | 80         |                   | LATE WINDS, INT WIND                   |                                          |
| 12     | 003115081            | 4            | 2337            | .4            | 44         |                   |                                        | ✓                                        |
| 13     | 003515004            | 2            | 2347            | 0             | 23         |                   |                                        | ✓                                        |
| 14     | 003515258            | 1            | 2359            | 0             | 38         | RSE               |                                        | ✓                                        |
| 15     | 003475057            | 2            | 0009            | 0             | 15         |                   | INTERMITTENT WINDS                     |                                          |
| 16     | 003115083            | 4            | 0019            | .5            | 26         |                   |                                        | ✓                                        |
| 17     | 003515256            | 1            | 0032            | .1            | 30         |                   |                                        | ✓                                        |
| 18     | 003515261            | 2            | 0043            | .4            | -          |                   | NO LAUNCH DETECT/NO WINDS              |                                          |
| 19     | 003148173            | 4            | 0044            | .2            | 35         |                   |                                        | ✓                                        |
| 20     | 003115084            | 1            | 0057            | .3            | 25         |                   |                                        | ✓                                        |
| 21     | 003515265            | 2            | 0110            | .4            | 21         |                   |                                        | ✓                                        |
| 22     | 003515016            | 1            | 0119            | .2            | 37         |                   |                                        | ✓                                        |
| 23     | 003248061            | 4            | 0126            | .4            | 16         |                   |                                        | ✓                                        |
| 24     | 003115082            | 2            | 0132            | .5            | 16         |                   |                                        | ✓                                        |
| 25     | 003115078            | 1            | 0138            | .4            | 16         |                   |                                        | ✓                                        |
| 26     | 003515257            | 4            | 0145            | 0             | 18         | DWC               |                                        | ✓                                        |
| 27     | 003248062            | 2            | 0151            | .4            | 8          |                   |                                        | ✓                                        |
| 28     | 003475040            | 1            | 0203            | -.3           | 19         |                   |                                        | ✓                                        |
| 29     | 003148154            | 2            | 0216            | .5            | 14         |                   |                                        | ✓                                        |
| 30     | 003148165            | 1            | 0228            | .3            | 18         |                   |                                        | ✓                                        |
| 31     | <del>003805100</del> | <del>4</del> | <del>0238</del> | <del>.3</del> |            |                   |                                        |                                          |
| 32     |                      |              |                 |               |            |                   |                                        |                                          |
| 33     |                      |              |                 |               |            |                   |                                        |                                          |

CHAN 4 RCV HAS HIGH NOISE FLOOR  
CHAN 3 MAY HAVE CROSSTALK PROBLEMS - INTERFERES W/CHAN 182?

(13)

13

N49RF AOC GPS Dropwindsonde Log

Flight ID 020314N

Flight Director 1. AMANDA

Page 1 of 2

Mission ID WSWSC

Storm TRANSIT

| Drop # | Source ID | Time (UTC) | Lat (°N) | Lon (°W) | Sfc Pres mb | WX Cond.   | Comments      | OB # | SatComm Failures | Sent Time |
|--------|-----------|------------|----------|----------|-------------|------------|---------------|------|------------------|-----------|
| 1      | 00347022  | 205553     | 2600     | 15616    | 1024.3      | scT sc     | 211437        | 1    | —                | 2119      |
| 2      | 003338156 | 211535     | 2800     | 15612    | 1021.6      | scT sc/cir | 213407        | 2    | —                | 2139      |
| 3      | 003115076 | 213451     | 3000     | 15608    | 1023.6      | scT sc/cir | 215342        | 3    | —                | 2158      |
| 4      | 003515023 | 215347     | 3200     | 15604    | 1022.8      | scT sc/cir | 220821        | 4    | —                | 2218      |
| 5      | 00320040  | 221233     | 3400     | 15600    | 1021.1      | scT sc/cir | 222907        | 5    | —                | 2234      |
| 6      | 003248052 | 222610     | 3502     | 15707    | 1021.7      | scT sc     | 224208        | 6    | —                | 2246      |
| 7      | 003248106 | 222917     | 3600     | 15813    | 1024.4      | scT sc     | 225519        | 7    | —                | 2300      |
| 8      | 003338154 | 225309     | 3701     | 15924    | none/f      | ovc cir    | (MEL) 231315  | 8    | —                | 2318      |
| 9      | 003515081 | 230614     | 3800     | 16036    | 1016.1      | ovc cir    | (MEL) 232220  | 9    | —                | 2327      |
| 10     | 003475007 | 232034     | 3902     | 16154    | 1013.4      | ovc cir    | (MEL) 233733  | 10   | —                | 2343      |
| 11     | 003515004 | 233345     | 4000     | 16311    | 1009.6      | ovc cir    | 234205        | 11   | —                | 0006      |
| 12     | 003115081 | 233707     | 4015     | 16331    | 1009.1      | ovc cir    | 234205        | 11   | —                | 0006      |
| 13     | 003515004 | 234709     | 4100     | 16454    | 1006.7      | ovc cir    | (MEL) 004131  | 12   | —                | 0017      |
| 14     | 003515258 | 235719     | 4200     | 16551    | 1003.1      | ovc ac     | 002513        | 13   | —                | 0030      |
| 15     | 003475007 | 000654     | 4251     | 16410    | 1000.5      | ovc ac/cir | (MEL) 004809  | 14   | —                | 0055      |
| 16     | 003115083 | 001957     | 4336     | 16236    | 1007.3      | ovc cir    | 004831        | 15   | —                | 0055      |
| 17     | 003515056 | 003226     | 4424     | 16029    | 1011.0      | ovc cir    | (MEL) 005959  | 16   | —                | 0106      |
| 18     | 003515261 | 004353     | 4507     | 15838    | —           | no         | LAUNCH DETECT | —    | —                | 0106      |
| 19     | 003115073 | 004448     | 4512     | 15825    | 1014.1      | ovc cir    | 004809        | 17   | —                | 0106      |
| 20     | 003115084 | 005704     | 4557     | 15617    | 1019.7      | ovc cir    | (MEL) 012848  | 18   | —                | 0143      |
| 21     | 003515265 | 011006     | 4640     | 15465    | 1025.7      | ovc cir    | 012907        | 19   | —                | 0143      |
| 22     | 003515016 | 011957     | 4729     | 15256    | —           | —          | (MEL) 015428  | 20   | —                | 0200      |
| 23     | 003475007 | 012600     | 4813     | 15249    | 1029.5      | ovc cir    | 015451        | 21   | —                | 0200      |

Flight ID 02 03/40

Flight Director DAMIANO

Page 2 of 2

Mission ID MSWSCStorm 7RMSIT

| Drop # | Station #<br>Sonde ID | Time<br>(UTC) | Lat<br>(°N) | Lon<br>(°W) | Sfc<br>Prs mb | WX<br>Cond. | Comments  | OB<br># | SatComm<br>Failures | Sent<br>Time |
|--------|-----------------------|---------------|-------------|-------------|---------------|-------------|-----------|---------|---------------------|--------------|
| 24     | 003115082             | 013251        | 4902        | 15241       | 1030.3        | 0VC AC      | 021020907 | 22      | —                   | 0215         |
| 25     | 003115078             | 013849        | 4947        | 15233       | 1030.1        | 0VC AC      | 020927    | 23      | —                   | 0215         |
| 26     | 003115059             | 014512        | 5034        | 15225       | 1031.0        | 0VC AC      | 021020950 | 24      | —                   | 0215         |
| 27     | 003248062             | 015117        | 5120        | 15219       | 1029.7        | 0VC AC      | 021010    | 25      | —                   | 0215         |
| 28     | 003475040             | 020843        | 5253        | 15200       | 1030.8        | 0VC AC      | 022082    | 26      | —                   | 0245         |
| 29     | 003148154             | 021613        | 5427        | 15141       | 1028.1        | 0VC AC      | 023439    | 27      | 1                   | 0240         |
| 30     | 003148165             | 022846        | 5500        | 15121       | 1027.5        | 0VC AC      | 024521    | 28      | —                   | 0250         |

March 14, 2002

NOAA49 Winter Storms Reconnaissance PHNL-PANC Track

PHNL 21 19.0N 157 55.6W  
APACK 24 02.6N 156 19.2W

16

|                    |                   |                    |                    |      |
|--------------------|-------------------|--------------------|--------------------|------|
| <del>Drop 1</del>  | <del>26 00N</del> | <del>156 18W</del> | Turn 1, First Drop | 1020 |
| <del>Drop 2</del>  | <del>28 00N</del> | <del>156 12W</del> |                    | 1022 |
| <del>Drop 3</del>  | <del>30 00N</del> | <del>156 08W</del> | 1023               |      |
| <del>Drop 4</del>  | <del>32 00N</del> | <del>156 04W</del> | 1023               |      |
| <del>Drop 5</del>  | <del>34 00N</del> | <del>156 00W</del> | Turn 2             | MEL  |
| <del>Drop 6</del>  | <del>36 00N</del> | <del>155 56W</del> | 1020               | 1017 |
| <del>Drop 7</del>  | <del>38 00N</del> | <del>160 36W</del> |                    | 1009 |
| <del>Drop 8</del>  | <del>40 00N</del> | <del>163 11W</del> |                    | 1004 |
| <del>Drop 9</del>  | <del>42 00N</del> | <del>166 00W</del> | Turn 3             | 1008 |
| <del>Drop 10</del> | <del>43 33N</del> | <del>162 36W</del> |                    | 1017 |
| <del>Drop 11</del> | <del>45 07N</del> | <del>158 15W</del> | 38                 | 1024 |
| <del>Drop 12</del> | <del>46 40N</del> | <del>154 05W</del> |                    | 1028 |
|                    | <del>47 00N</del> | <del>153 00W</del> | MEL Turn 4         | 1030 |
| <del>Drop 13</del> | <del>48 13N</del> | <del>152 40W</del> |                    | 1030 |
| <del>Drop 14</del> | <del>49 47N</del> | <del>152 38W</del> | 3                  | MEL  |
| <del>Drop 15</del> | <del>51 20N</del> | <del>152 18W</del> |                    | 1029 |
| <del>Drop 16</del> | <del>52 53N</del> | <del>152 08W</del> |                    | 1029 |
| <del>Drop 17</del> | <del>54 27N</del> | <del>151 47W</del> |                    | 1028 |
| <del>Drop 18</del> | <del>56 00N</del> | <del>151 19W</del> | Turn 5, Last Drop  | 1027 |

21

PANC 61 10.5N 149 59.8W

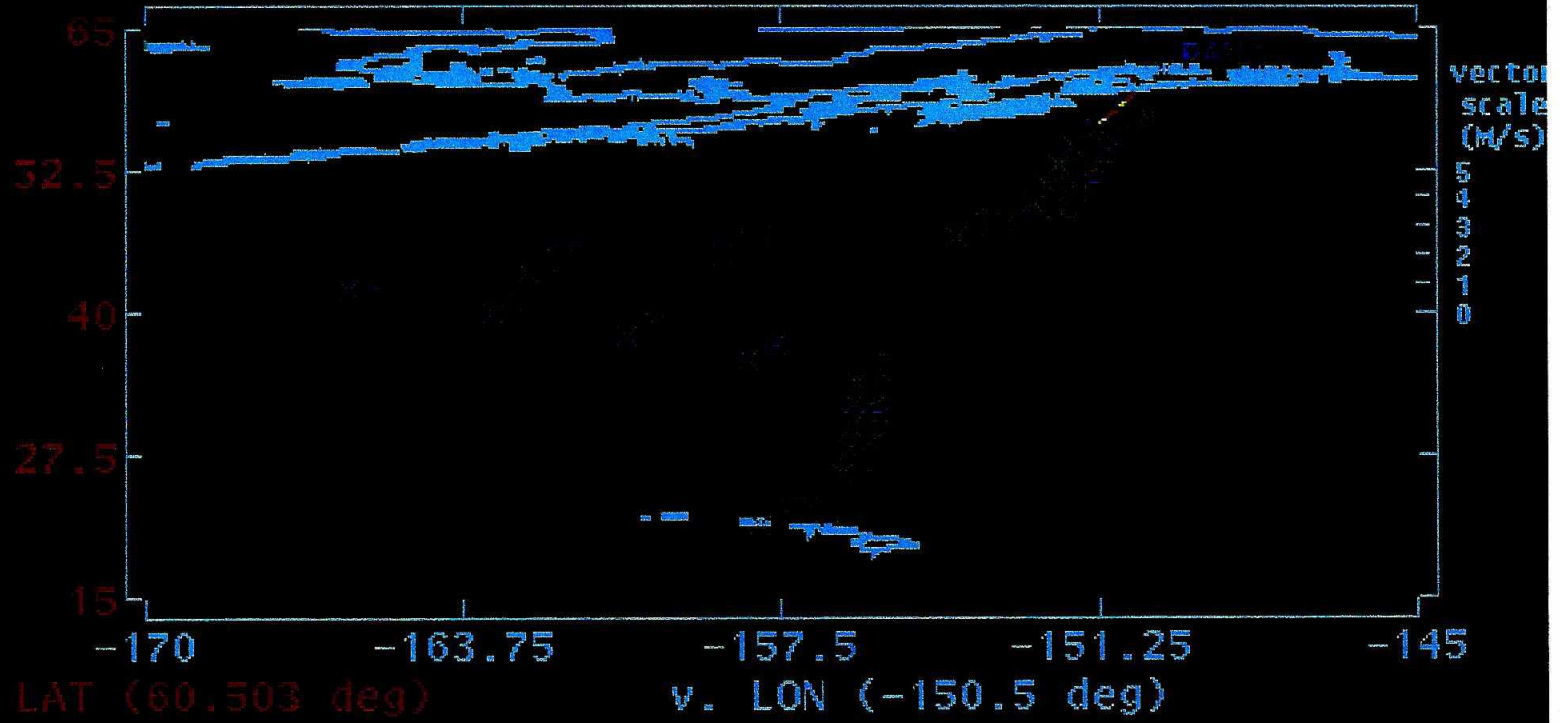
23

24

Doc-# 60

220

02:32:06 to 03:09:06



## NOAA/AOC/SED N49RF Flight Performance log

N49RF Project: WS2002 Project No. 201 Flight No. RF16 Flight ID: 020314N  
 SED Crew: ASG, J. S. Souci, Carpenter Mission: PHNL-PANC  
 Pre-Flight: 1900 Z Take-Off: 2002 Z Landing: 0323 Z

| SYSTEM                                                   |                                                           |                                                            | Pre-Flight Check                                                                      | In-Flight                                              | Post-Flight Check                                      |         |
|----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|---------|
| N<br>A<br>V                                              | IRS #1                                                    |                                                            | 055                                                                                   | ✓                                                      |                                                        |         |
|                                                          | IRS #2                                                    |                                                            | ↓                                                                                     | ✓                                                      |                                                        |         |
|                                                          | GPS Honeywell #1                                          |                                                            |                                                                                       | ✓                                                      |                                                        |         |
|                                                          | GPS Honeywell #2                                          |                                                            |                                                                                       | ✓                                                      |                                                        |         |
|                                                          | GPS Collins                                               |                                                            | ↓                                                                                     | ✓                                                      | Off? <input checked="" type="checkbox"/>               |         |
| Nose Radar - Collins                                     |                                                           |                                                            | ✓                                                                                     | Off? <input checked="" type="checkbox"/>               |                                                        |         |
| T<br>E<br>M<br>P<br>/                                    | Time                                                      | Temp °C                                                    | 055                                                                                   |                                                        | Time                                                   | Temp °C |
|                                                          | Temp #1                                                   | 1931 25.6                                                  | ↓                                                                                     | ✓                                                      | 0327                                                   | -1.1    |
|                                                          | Temp #2                                                   | 25.6                                                       | ↓                                                                                     | ✓                                                      | ↓                                                      | -0.3    |
|                                                          | Temp #3                                                   | 25.7                                                       | ↓                                                                                     | ✓                                                      | ↓                                                      | -0.9    |
|                                                          | Temp #4                                                   | 32.366                                                     | ↓                                                                                     | ✓                                                      | ↓                                                      | -1.5    |
|                                                          | DP Left                                                   | 17.9                                                       | ↓                                                                                     | ✓                                                      | Cal. Time:                                             | -18.5   |
|                                                          | DP Right                                                  | 18.6                                                       | ↓                                                                                     | ✓                                                      | Cal. Time:                                             | -17.1   |
| P<br>R<br>E<br>S<br>S                                    | CRYO                                                      |                                                            | NI                                                                                    | NI                                                     | NI                                                     | NI      |
|                                                          | Attack Angle (ADCAOA)                                     |                                                            | DWC                                                                                   | ✓                                                      |                                                        |         |
|                                                          | Angle of Attack (APx, DAPx)                               |                                                            | ↓                                                                                     | ✓                                                      |                                                        |         |
|                                                          | Sideslip (BPx, DBPx)                                      |                                                            |                                                                                       | ✓                                                      |                                                        |         |
|                                                          | Static Pressure (PS1M, PS2M)                              |                                                            | ↓                                                                                     | ✓                                                      |                                                        |         |
| Dynamic Pressure (QCxM)                                  |                                                           |                                                            | ✓                                                                                     |                                                        |                                                        |         |
| Radome Press. Lines                                      |                                                           | Checked? <input checked="" type="checkbox"/> Date: 1/25/02 |                                                                                       |                                                        |                                                        |         |
| S<br>Y<br>S<br>T<br>E<br>M                               | SATCOM (Flight Phone) <input checked="" type="checkbox"/> |                                                            | ✓                                                                                     | 055                                                    | Off CB? <input checked="" type="checkbox"/>            |         |
|                                                          | Call COMSAT? <input checked="" type="checkbox"/> (*292#)  |                                                            | CB's Checked? <input checked="" type="checkbox"/> 055                                 | ✓                                                      |                                                        |         |
|                                                          | Iridium Phone                                             |                                                            | ON? <input checked="" type="checkbox"/> 055                                           | ✓                                                      | OFF? <input checked="" type="checkbox"/>               |         |
|                                                          | FCU/UPS/CB                                                |                                                            | ✓                                                                                     | ✓                                                      | UPS off? <input checked="" type="checkbox"/>           |         |
|                                                          | MADS (WINDS/DISCWIN)                                      |                                                            | DWC                                                                                   | ✓                                                      | # DATs: 1                                              |         |
|                                                          | Printer 1 (lp1)                                           |                                                            | Power? <input checked="" type="checkbox"/> Paper? <input checked="" type="checkbox"/> | ✓                                                      | Printer Power off? <input checked="" type="checkbox"/> |         |
|                                                          | MADS Cal. Date:                                           |                                                            | QC time: 1951 Z                                                                       | ✓                                                      | QC time: 0324                                          |         |
|                                                          | HAPS System OFF                                           |                                                            | Time set? <input type="checkbox"/> OFF N/A                                            | ✓                                                      | # Msg.: # Fail: OFF                                    |         |
| AVAPS System                                             |                                                           | ✓ ASC                                                      | ✓                                                                                     |                                                        |                                                        |         |
| Exterior Walk Around <input checked="" type="checkbox"/> |                                                           | ✓ 058                                                      |                                                                                       |                                                        |                                                        |         |
| Inspect Drop Sonde Chute Bolts                           |                                                           | ✓ ASG                                                      |                                                                                       |                                                        |                                                        |         |
| M<br>I<br>S<br>C                                         | Down Port Door (Ozone Inst.)                              |                                                            | Cover OFF? <input checked="" type="checkbox"/> 055                                    |                                                        | Cover ON? <input type="checkbox"/> OFF                 |         |
|                                                          | AVAPS Sondes                                              |                                                            | # On Board: 94                                                                        | # Dropped: 30                                          | # Good: 27                                             |         |
|                                                          | Sci. Power Monitor                                        |                                                            | 058                                                                                   | ✓                                                      | ✓                                                      |         |
|                                                          | APN-232 Altimeter                                         |                                                            | ✓                                                                                     | ✓                                                      | ✓                                                      |         |
|                                                          | Modem                                                     |                                                            | Power On? <input checked="" type="checkbox"/>                                         | ✓                                                      | ✓                                                      |         |
|                                                          | Additional Instrumentation:                               |                                                            | L1 60Hz IP CB ON? <input checked="" type="checkbox"/>                                 | After Take Off                                         | L1 60Hz IP CB OFF? <input checked="" type="checkbox"/> |         |
|                                                          | AL Ozone Data System                                      |                                                            | L1 400Hz CB ON? <input checked="" type="checkbox"/>                                   | L1 Pump Switch ON? <input checked="" type="checkbox"/> | L1 400Hz CB OFF? <input checked="" type="checkbox"/>   |         |
|                                                          |                                                           | Computer ON? <input checked="" type="checkbox"/>           |                                                                                       | Computer OFF? <input checked="" type="checkbox"/>      |                                                        |         |
| Crew Responsibilities Assigned                           |                                                           | ✓                                                          |                                                                                       |                                                        |                                                        |         |

|   |             |            |              |           |
|---|-------------|------------|--------------|-----------|
| 1 | DAT Tape #1 | On: 1944 Z | Type: V3 60M | Off: 0327 |
|   | Comments:   |            |              |           |
|   |             |            |              |           |
|   |             |            |              |           |
|   |             |            |              |           |