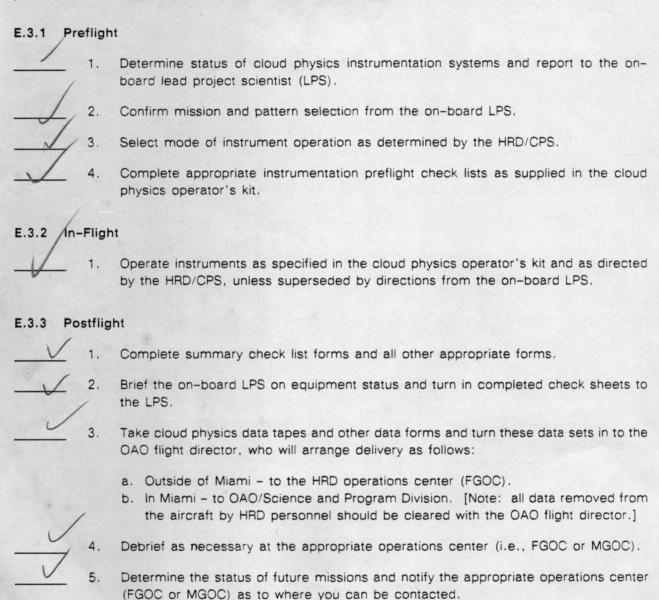
# 19890930II - CLDPHY

#### E.3 Cloud Physics Scientist (On-Board)

The on-board cloud physics scientist (CPS) is responsible for cloud physics data collection on his/her assigned aircraft. Detailed operational procedures are contained in the cloud physics kit supplied for each aircraft. General procedures follow. (Check off and initial).



Form E-3 Page 1 of 3

Date 3038189

Remarks:

Instrument Status and Performance

### Cloud Physics Project Scientist Operational Check List

Aircraft 43AF Flight ID 59 09 30 I /

| A. Installent status and renormance. |            |           |          |            |  |  |  |  |
|--------------------------------------|------------|-----------|----------|------------|--|--|--|--|
| System                               | Pre-Flight | In-Flight | Downtime | # of Tapes |  |  |  |  |
| Johnson-Williams                     |            |           |          |            |  |  |  |  |
| PMS probes:                          |            |           |          | 4 used     |  |  |  |  |
| 2D-P                                 |            |           |          |            |  |  |  |  |
| 2D-C                                 |            |           |          | 3.70       |  |  |  |  |
| FSSP                                 |            |           |          |            |  |  |  |  |
| Data System                          |            |           |          |            |  |  |  |  |
| Displays                             |            |           |          |            |  |  |  |  |
| Formvar                              |            |           |          |            |  |  |  |  |
| Nimbiometer                          |            |           |          |            |  |  |  |  |
| CO <sub>2</sub> Radiometer           |            |           |          |            |  |  |  |  |
|                                      |            |           |          |            |  |  |  |  |

Operator Leighton

## 2-D Knollenberg Data Tape Log

Date 30 Sep 89 Flight 890930II Operator Leighton

| Tape # | EOF #                  | Time On   | Time Off | Comments   |
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| 20F4   | n6                     | 1928  | 1957     |  |
| 3 of 4 | N5                     | 2005  | 2046     | 1957 forget on lin for surp<br>really started 2005 |
| 40f4   | 1/                     | 2046  | 2049     | 1 puetratu   |
| SA     |                        |   |          |  |
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## Formvar Log

| Date   | 94.4    | Flight                                |                            | _ Operator                 |     |
|--------|---------|---------------------------------------|----------------------------|----------------------------|-----|
| Roll # | Time On | Time Off                              | Frame<br>Count at<br>Start | Comments                   | · \ |
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