

**INITIAL PREPARATION 3-7 DAYS BEFORE FLIGHT:**

DATE (LOCAL): 10/16/2010 PUMP CURRENT: 85.65 30 MINUTES HI O<sub>3</sub>  (v)  
INITIALS: \_\_\_\_\_ PUMP PRESSURE: >10 5 MINUTE NO O<sub>3</sub>  (v)  
PUMP NUMBER: 279460-V20 PUMP VACUUM: 23  
ADD 3.0 CC CATHODE SOLUTION:  (v) Short the cell leads:  (v)  
WAIT 2 MINUTES:  (v) Add about 2.5 CC more Cathode Solution (2Z):  (v)  
ADD 1.5 CC ANODE SOLUTION:  (v) Place Instrument inside plastic bag:  (v)  
RUN 20 MINUTES ON NO O<sub>3</sub>:  (v) Store inside Styrofoam flight box:  (v)  
Record the current after the 20 MINUTES ON NO O<sub>3</sub>: 0.354  $\mu$ amps

**FLIGHT PREPARATION IN LAB.**

DATE (LOCAL): 11/06  
INITIALS: BH  
Cathode solution date written on bottle: 06/21/2001  
CHANGE CATHODE SOLUTION (3cc):  (v)  
CHANGE ANODE SOLUTION (1.5cc):  (Yes/No)  
RUN ON NO O<sub>3</sub> FOR 5 MINUTES:  (v)  
RECORD THE NO O<sub>3</sub> BACKGRND#1: BG1=0.062  $\mu$ amps  
RUN ON 5 microamps of O<sub>3</sub> for 10 Minutes:  (v)

T100 FLOWRATE TIMES:  
FLOWRATE #1: 28.86 sec  
FLOWRATE #2: 29.06  
FLOWRATE #3: 28.91  
FLOWRATE #4: 29.06  
FLOWRATE #5: 28.82  
AVERAGE T100: 28.94

**DRY T100**  
#1: 27.91  
#2: 27.69  
#3: 27.80  
DRY AVG: 27.80  
**WET T100**  
#1: 28.28  
#2: 29.06  
#3: 28.29  
WET AVG: 28.55

**RESPONSE TIME**

SWITCH TO NO O<sub>3</sub> AIR.  
RECORD: THE TIME TO DROP FROM 4 TO 1.5  $\mu$ amps: 26.08 sec.  
RECORD: ROOM TEMP (C) 18.6 ROOM REL. HUMID. (%) 23  
RECORD: 5 - T100 FLOWRATE TIMES:

\*T100 Flowrate correction. 2.170%

**DAY OF FLIGHT @ THE LAUNCH SITE.**

FLIGHT NUMBER: HU 650  
GMT DATE: 11/06 LOCAL DATE: 11/3:01  
GMT LAUNCH TIME: 11/06 LOCAL TIME: 18:01

BALLOON TYPE \_\_\_\_\_ Gram: \_\_\_\_\_ Kaymont \_\_\_\_\_ Scientific Sales \_\_\_\_\_ (v one)

O<sub>3</sub> BACKGROUND ( $\mu$ amps from F9 key): 12832448

VAISALA NUMBER (9 digit): \_\_\_\_\_ SKY CONDITIONS: Windy  
SURFACE PRESSURE: \_\_\_\_\_  
SURFACE TEMP. (C): \_\_\_\_\_  
SURFACE HUMIDITY: \_\_\_\_\_ ~ BURST PRESSURE (mb): \_\_\_\_\_

REMARKS: \_\_\_\_\_  
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