

INITIAL PREPARATION 3-7 DAYS BEFORE FLIGHT.

DATE (LOCAL): 05/07/2011 PUMP CURRENT: 86.65 30 MINUTES HI O₃ (v)
 INITIALS: BH PUMP PRESSURE: 710 5 MINUTE NO O₃ (v)
 PUMP NUMBER: 279838V2D PUMP VACUUM: 33

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 O₃: (v) Store inside Styrofoam flight box: (v)

Record the current after the 20 MINUTES ON NO O₃: = 0.163 μamps

FLIGHT PREPARATION IN LAB.

DATE (LOCAL): 5/21/2011 INITIALS: BH **DRY T100**
 Cathode solution date written on bottle: 3/23/2010 T100 FLOWRATE TIMES: #1: 28.10
 CHANGE CATHODE SOLUTION (3cc): (v) FLOWRATE #1: 29.08 sec #2: 27.53
 CHANGE ANODE SOLUTION (1.5cc): (Yes/No) FLOWRATE #2: 29.18 #3: 29.78
 RUN ON NO O₃ FOR 5 MINUTES: (v) FLOWRATE #3: 29.16 DRY AVG: 27.80
 RECORD THE NO O₃ BACKGRND#1: BG1=0.008 μamps FLOWRATE #4: 29.19 **WET T100**
 RUN ON 5 microamps of O₃ for 10 Minutes: (v) FLOWRATE #5: 29.20 #1: 27.93
 AVERAGE T100: 29.16 #2: 28.31
 #3: 28.29 WET AVG: 28.18

RESONSE TIME SWITCH TO NO O₃ AIR. 28.86 sec
 RECORD: THE TIME TO DROP FROM 4 TO 1.5 μamps 48
 RECORD: ROOM TEMP (C) 23.9 ROOM REL. HUMID. (%) 48 *T100 Flowrate correction: 1.37 %
 RECORD: 5 - T100 FLOWRATE TIMES:

DAY OF FLIGHT @ THE LAUNCH SITE.

FLIGHT NUMBER: H0682
 GMT DATE: 05/21/2011 LOCAL DATE: 5/21/2011
 GMT LAUNCH TIME: 1:00Z LOCAL TIME: 1:00pm

BALLOON TYPE 1000 Gram: Kaymont Scientific Sales (v one)

O₃ BACKGROUND (μamps from F9 key): _____

VAISALA NUMBER (9 digit): 635202711 SKY CONDITIONS: _____
 SURFACE PRESSURE: _____
 SURFACE TEMP. (C): _____
 SURFACE HUMIDITY: _____ ~ BURST PRESSURE (mb): _____

REMARKS: _____