U.S.
NATION[illegible] [illegible]RIC ADMINISTRATION
CLIMA[illegible] [illegible]OSTICS LABORATORY
D[illegible] CHECKLIST

FLT # ________

Huntsville

INITIAL PREPARATION 3-7 DAYS BEFORE FLIGHT.

DATE (LOCAL): 5/28/2011
INITIALS: WTC
PUMP NUMBER: 229605-V20

PUMP CURRENT: 104.95
PUMP PRESSURE: 211
PUMP VACUUM: 23

30 MINUTES HI O_3 ✓ (√)
5 MINUTE NO O_3 ✓ (√)

ADD 3.0 CC CATHODE SOLUTION: ✓ (√)
WAIT 2 MINUTES: ✓ (√)
ADD 1.5 CC ANODE SOLUTION: ✓ (√)
RUN 20 MINUTES ON NO O_3 ✓ (√)

Short the cell leads: ✓ (√)
Add about 2.5 CC more Cathode Solution (2Z) ✓ (√)
Place Instrument inside plastic bag: ✓ (√)
Store inside Styrofoam flight box: ✓ (√)

Record the current after the 20 MINUTES ON NO O_3: = 0.329 μamps

FLIGHT PREPARATION IN LAB.

DATE (LOCAL): 6/11/2011
INITIALS: JKH
Cathode solution date written on bottle: 3/23/2010
CHANGE CATHODE SOLUTION (3cc): ✓ (√)
CHANGE ANODE SOLUTION (1.5cc): YES (Yes/No)
RUN ON NO O_3 FOR 5 MINUTES: ✓ (√)
RECORD THE NO O_3 BACKGRND#1: **BG1=** .035 μamps
RUN ON .5 microamps of O_3 for 10 Minutes: ✓ (√)

T100 FLOWRATE TIMES:
FLOWRATE #1: 30.21 sec
FLOWRATE #2: 30.21
FLOWRATE #3: 30.20
FLOWRATE #4: 30.33
FLOWRATE #5 30.29
AVERAGE T100: 30.248

DRY T100
#1: 27.82
#2: 27.80
#3: 27.86
DRY AVG: 27.826

WET T100
#1: 28.19
#2: 28.19
#3: 28.29
WET AVG: 28.22

RESONSE TIME
SWITCH TO NO O_3 AIR.
RECORD: THE TIME TO DROP FROM 4 TO 1.5 μamps: 27.19 sec.
RECORD: ROOM TEMP (C) 24.3 ROOM REL. HUMID. (%) 55
RECORD: 5 - T100 FLOWRATE TIMES:

***T100 Flowrate correction.** 1.41 %

DAY OF FLIGHT @ THE LAUNCH SITE.

FLIGHT NUMBER: HU685
GMT DATE : 6/11/2011
GMT LAUNCH TIME : ________

LOCAL DATE: 6/11/2011
LOCAL TIME: 1200

BALLOON TYPE________ **Gram :** Kaymont ✓ Scientific Sales____ (√ one)

O_3 BACKGROUND (μamps from F9 key): ________
VAISALA NUMBER (9 digit): 114822350 [illegible] 198711840
SURFACE PRESSURE: ________
SURFACE TEMP. (C): ________
SURFACE HUMIDITY : ________

SKY CONDITIONS: Clear

~ BURST PRESSURE (mb) : ~~~ [illegible] 36.16 km

REMARKS: ________

weighoff = ________ grams

*T100 flow corr (%) = [(WET/DRY)-1.0] X 100