

INITIAL PREPARATION 10-14 DAYS BEFORE FLIGHT.

- DATE (LOCAL): 5/3/2014
 INITIALS: wrc
 PUMP# (add x,y,z,R): 2225990
- Run zero air 10 minutes (v)
 - PUMP CURRENT: 111.75
 - PUMP PRESSURE: 11.16
 - ENSCI Press/vac: 2660 in Hg
 - Bypass cell (v)
 - Add 5-6cc cathode (v)
 - 30 MINUTES HI O₃ (v)
 - 3 MINUTES NO O₃ (v)
-
- DUMP CATHODE RINSE: (v)
 - ADD 3.0 CC FRESH CATHODE # (v)
 - ADD 1.5 CC ANODE SOLUTION: (v)
 - RUN 10 MINUTES on NO O₃ (v)
 - RECORD CURRENT: BG = 0.350 μ amps
 - RUN 10 MINUTES on 5 μ amps O₃ (v) - then switch to NO O₃ AIR.
 - RECORD: TIME TO DROP FROM 4 TO 1.5 μ amps: 48.93 sec.
 - Run sonde for 10 minutes on NO O₃ AIR (v)
 - Short the cell leads: (v)
 - Intake tube stored in sonde frame: (v)
 - Place Instrument inside plastic bag: (v)
 - Store inside Styrofoam flight box: (v)

AFTER 1 WEEK: REPLACE SOLUTIONS: DATE (LOCAL): 5/7/14

- RUN 5 MINS on NO O₃ (v)
- RECORD CURRENT 0.152 μ amps
- RUN 5 MINS on 5 μ amps O₃ (v) - then switch to NO O₃ AIR
- RECORD TIME TO DROP FROM 4 TO 1.5 μ amps: 30.65 sec
- Short cell leads and Store in Styrofoam flight box: (v)

FLIGHT PREPARATION IN LAB. (Under 24 hours to launch)

DATE (LOCAL): 5/13/2014
INITIALS: wrc

- Cathode solution # or date written on bottle: 239
- CHANGE CATHODE SOLUTION (3cc): (v)
- CHANGE ANODE SOLUTION (1.5cc): (Yes/No)
- RUN ON NO O₃ FOR 10 MINUTES: (v)
- RECORD THE NO O₃ BACKGRND#1: BG1=0.050 μ amps
- RUN ON 5 microamps of O₃ for 10 Minutes: (v)
- SWITCH TO NO O₃ AIR.
- RECORD: THE TIME TO DROP FROM 4 TO 1.5 μ amps: 27.45 sec
- RECORD: 5 - T100 FLOWRATE TIMES:

T100 FLOWRATE TIMES:

ROOM TEMP (C): 22, ROOM RH (%): 38
 Flowrate Correction: 2.40 (%)

FLOWRATE #1:	<u>29.49</u> sec	<u>Wet</u>
FLOWRATE #2:	<u>29.53</u> sec	<u>29.34</u>
FLOWRATE #3:	<u>29.56</u> sec	<u>29.40</u>
FLOWRATE #4:	<u>29.52</u> sec	<u>29.47</u>
FLOWRATE #5:	<u>29.43</u> sec	<u>29.48</u>
AVERAGE T100:	<u>29.51</u> sec	<u>Dry</u>
		<u>28.65</u>
		<u>28.68</u>
		<u>28.79</u>
		<u>28.71</u>

DAY OF FLIGHT @ THE LAUNCH SITE.

Results: O₃ Sonde TCO extrap: _____ (DU)
 O₃ Sonde TCO SBUV: _____ (DU)

FLIGHT NUMBER: Ku965
 GMT DATE (YYMMDD): 140513 LOCAL DATE: 140513
 GMT LAUNCH TIME: 15:29 LOCAL TIME: 10:29
 Operator Initials: wrc

BALLOON SIZE: 1000 Grams: TOTEX _____ Hwoyee PAWAN _____ (v one)
 PAY-OFF-WEIGHT: _____ Grams: Burst Alt: 31 (km) Turn/Burst: _____

O₃ sn: 2225990 O₃ CELL BACKGROUND (μ amps): 0.050 O₃ Ventilation Holes: (Y/N) Y
 O₃ Flowrate: 29.51 (sec) O₃ Flowrate Correction: 2.40 (%)
 Radiosonde #: 26713 Freq: 403 (MHz) If Vais RS-80, Pressure offset written on bag: _____ (hPa)
 NOAA FPH sn: _____
 Other instruments: _____

SURFACE PRES: _____ (hPa)
 SURFACE TEMP: _____ (C)
 SURFACE RH: _____ (%)

Sky Conditions: _____

REMARKS: TOLNet missing