

INITIAL PREPARATION 10-14 DAYS BEFORE FLIGHT.

DATE (LOCAL): 10-29-14 9-19-2014 INITIALS: BWT cnc PUMP# (add x,y,z,R): 2221570-229233

- 1. Run zero air 10 minutes (v) 5. Bypass cell (v) 6. Add 5-6cc cathode (v) 7. 30 MINUTES HI O3 (v) 8. 3 MINUTES NO O3 (v) 9. DUMP CATHODE RINSE: (v) 10. ADD 3.0 CC FRESH CATHODE # 243 11. ADD 1.5 CC ANODE SOLUTION: (v) 12. RUN 10 MINUTES on NO O3 (v) 13. RECORD CURRENT: BG = 1.25 uamps 14. RUN 10 MINUTES on 5 uamps O3 (v) - then switch to NO O3 AIR. 15. RECORD: TIME TO DROP FROM 4 TO 1.5 uamps: 29.17 sec.

AFTER 1 WEEK: REPLACE SOLUTIONS: DATE (LOCAL): 11-6-14

- 1. RUN 5 MINS on NO O3 (v) 2. RECORD CURRENT: 0.026 uamps 3. RUN 5 MINS on 5 uamps O3 (v) - then switch to NO O3 AIR 4. RECORD TIME TO DROP FROM 4 TO 1.5 uamps: 24.53 sec 5. Short cell leads and Store in Styrofoam flight box: (v)

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

DATE (LOCAL): 11-15-14

INITIALS: cnc

T100 FLOWRATE TIMES:

ROOM TEMP (C): ROOM RH (%):

Flowrate Correction: (%)

- FLOWRATE #1: 28.45 sec FLOWRATE #2: 28.43 sec FLOWRATE #3: 28.47 sec FLOWRATE #4: 28.46 sec FLOWRATE #5: 28.42 sec

AVERAGE T100: 28.446 sec

Table with flowrate times: wet, Dry, 28.73, 27.96, 28.75, 27.99, 28.88, 27.97, 28.787, 27.973

- 1. Cathode solution # or date written on bottle: 245 2. CHANGE CATHODE SOLUTION (3cc): (v) 3. CHANGE ANODE SOLUTION (1.5cc): (v) (Yes/No) 4. RUN ON NO O3 FOR 10 MINUTES: (v) 5. RECORD THE NO O3 BACKGRND#1: BG1 = .018 uamps 6. RUN ON 5 microamps of O3 for 10 Minutes: (v) 7. SWITCH TO NO O3 AIR. 8. RECORD: THE TIME TO DROP FROM 4 TO 1.5 uamps: 28.79 sec 9. RECORD: 5 - T100 FLOWRATE TIMES:

DAY OF FLIGHT @ THE LAUNCH SITE.

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

FLIGHT NUMBER:

GMT DATE (YYMMDD):

LOCAL DATE: 11-15

GMT LAUNCH TIME:

LOCAL TIME: 2:05

Operator Initials:

BALLOON SIZE: Grams: TOTEX Hwoyee PAWAN (v one)

PAY-OFF-WEIGHT: Grams: Burst Alt: (km) Turn/Burst:

O3 sn: O3 CELL BACKGROUND (uamps): O3 Ventilation Holes: (Y/N)

O3 Flowrate: (sec) O3 Flowrate Correction: (%)

Radiosonde #: 28953 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: