

Daily Debrief 7/22/2016

Next meeting(s):

Phone: 1-844-467-4685, Pass code: 532355#

Saturday: 3 pm – Weather Brief

Sunday: 5 pm – Weather Brief

Monday: 9:30 am – Weather Brief

General Information

- The number used to send text messages to the B200: 011881632648063
 - Iridium number for C-130: 757-821-2325
 - Note: Democratic convention will have the same 30 nm radius TFR around Philly from July 25-29
 - On the date we depart for Lincoln we need to ask everyone to leave their vehicles in the auxiliary lot, the one on the other side of the bridge.
 - For fuel planning purposes – C130, 4.5K gallons to 8K gallons, avg. 6K gallons
 - **The tractor trailer is planning to be at Wallops at 8 am on Thursday, July 28th. The plan is to have completed loading by noon with the truck then going to Langley. Please consider what you will be transporting on the truck. We will be working to locate these items to a staging area in the hangar. More discussion planned for Monday**
-

Schedule – C-130 – Will be generated Sunday

Some issue (FAA) with flying within Washington Center due to the Democratic Convention. Plan to be worked Monday morning

Outlook Table

Date	Weather	Flight plan / take off time	Comments
Saturday, 23 July	Weather Brief: 3 pm	No Flight	
Sunday, 24 July	Weather Brief: 5 pm	Hard Down Day	
Monday, 25 July			Planning discussion for equipment shipment. Time to be announced
Tuesday, 26 July			

Wednesday, 27 July		Possible OCO-2 flight?	
Thursday, 28 July			Possible day for loading shipping truck at Wallops, 8 am
Friday, 29 July			Possible day for loading shipping truck at Langley
Saturday, 30 July		Possible OCO-2 flight?	
Sunday, 31 July			
Monday, 1 August			Transit day to Lincoln

Note: B200: 12 hr. day
C130: 16 hr. day

C-130 Report for 7/21/2016

- Plane took off on time
 - Data looks good – weather “not textbook”
 - Some dripping on CPL, plan to address on Saturday
 - Water Vapor Measurement issue – continued to be worked, suspect a leak, plan to test on Saturday outside
 - MFL, CPL got a little hot – CPL plans to try a different fan assembly
 - Radio does not work well at the back of the plane
-

B-200 Report for 7/22/2016

- Plane was still in the air at the time of the debrief
-

Weather Brief – next weather brief will be at 3 pm on Saturday, July 23rd

Roles & Responsibilities:

Science Plan/Flight Times (Takeoff Time) – Ken Davis (Office: 814-863-8601/Cell: 814-206-4133)
or Designate

- Bing Lin (Office: 757.864.9823/Cell: 757-778-3435)
- Mike Obland (Office: 757-864-1078/Cell: 406-580-5841) and/or

- Amin Nehrir (Office: 757-864-6107/406-451-9678)

C-130 Scheduling/Issues/Manifest – Linda Thompson (Office: 757-824-1072/Cell: 757-894-7831)

B200 Scheduling/Issues/Manifest – Mike Wusk (Office: 757-864-3837/Cell: 757-810-8295)

Science POC Responsibilities (Ken: Office: 814-863-8601/Cell: 814-206-4133 or designee):

- Provide interim and final flight plans to pilots in time to meet FAA 72-hour deadline
- Communicate takeoff time for both aircraft to aircraft POCs
- Upload science report for each flight to archival website
- Coordinate with OCO-2 science team to finalize satellite viewing tracks and to notify OCO-2 team to avoid target mode during our underflight days

C-130 POC Responsibilities (Linda: Office: 757-824-1072/Cell: 757-894-7831 up to transit flight takeoff on August 1; Cate: Office: 747-824-1525/Cell: 443-614-0668 after transit flight takeoff August 1):

- Get takeoff time decision from science POC
- Define and coordinate aircraft timeline (fueling, doors open and cooling available to research teams for instrument warmup, doors closed time)
- Communicate daily flight schedule to aircraft maintenance personnel and all personnel on flight manifest
- Report to science POC on all updates concerning the aircraft, including mechanical updates
- Ensure proper cooling and ground power for aircraft
- Provide flight manifest to pilots
- Upload daily aircraft report for archival website
- Track aircraft flight hours and keep running total in flight report (including wheels up/down time for data analysis)

B200 POC Responsibilities (Mike Wusk: Office: 757-864-3837/Cell: 757-810-8295):

- Same as above except for B200

Instrument team POCs:

- Provide instrument operator names to each aircraft manifest by noon on day preceding flight
- Upload instrument quick look reports for each flight to archival website
- Report daily instrument status to aircraft POCs

Any issues encountered the day of flight shall be reported to Ken Davis or Designee

EOM