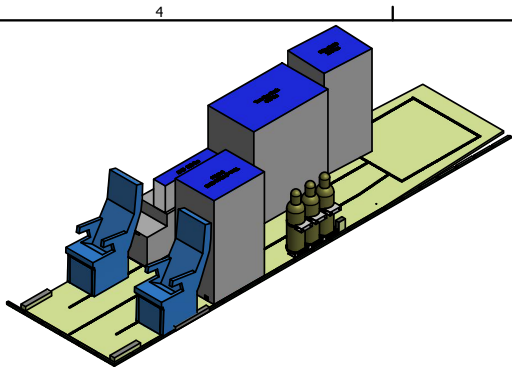


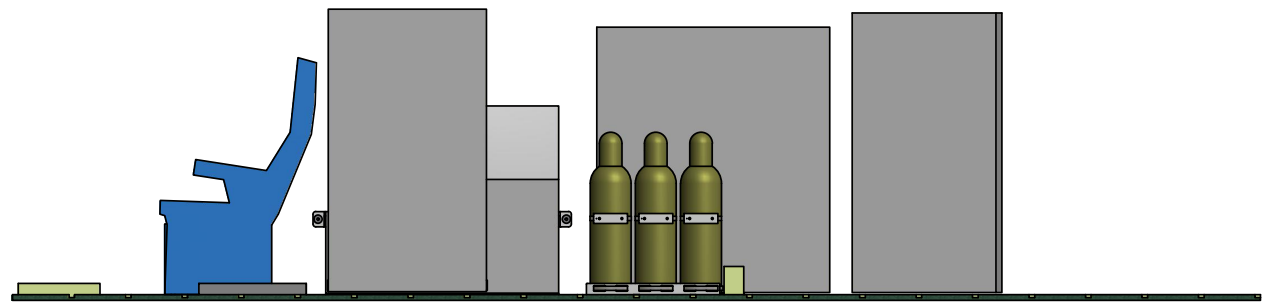
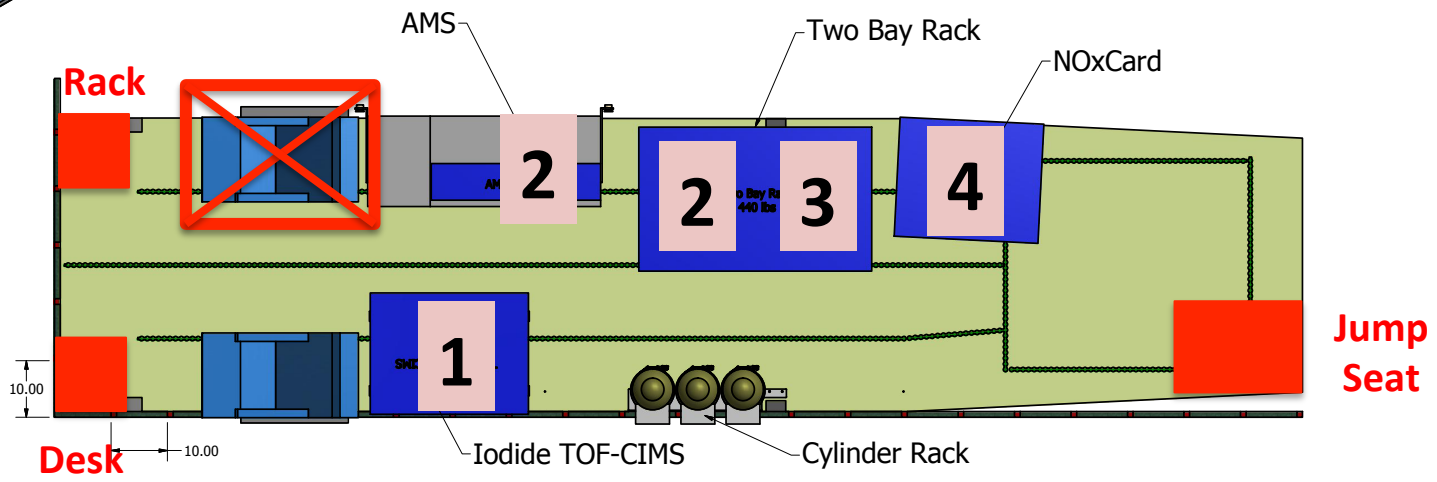
UWFPS Twin Otter Telecon, December 19 2016



1. Instrument updates
2. Payload discussion (small updates)
3. Integration schedule
4. Transit schedule



For the instruments and cylinders alone (No passengers, seats, table, computer, etc.)
 The C.G. is 90 inches aft of the bulkhead.
 Instrument C.G. is at station $(90 + 112) =$ **Station 202**
 The combined weight ~ 1500 lbs



- | | |
|----------------|------------|
| 1. Iodide CIMS | 3. NH3 QCL |
| 2. AMS | 4. NOxCaRD |

DRAWN	11/16/2016		
bdube		TITLE	
CHECKED			
QA			
MFG			
APPROVED			
		SIZE	DWG NO
		C	Simple_N48_FloorPlanInstruments
		SCALE	REV
			SHEET 1 OF 1

Twin Otter Payload Update

Instrument	Power (kVA)	Weight (lbs)	Actual Power (kVA)	Actual Weight (lbs)	Notes
AMS	1.1	560	1.1	560	
Iodide TOF CIMS	1	380	1	380	
NOxCaRD	0.5	286	0.5	286	
NH3 QCL	0.93	230	0.93	230	
Picarro CO (CH4)	0.4	70	0	0	
Met Probe	0.1	7	0.1	7	
Data Acquisition	0.1	10	0.1	10	Estimate
UHSAS	0.1	49	0	0	
Equipment Subtotal		1592		1473	
Pilots		360		360	2 pilots
Scientists		360		360	2 operators
Life raft		70		0	
Crew Subtotal		790		720	
Total	3.93	2382	3.53	2193	
Available	4 kVA 115 VAC ~3 kVA 28 VDC	2200	5	2200	

JANUARY 2017

24calendar.com

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3 Twin Otter Transit	4 UW Iodide CIMS	5 UW Iodide CIMS	6 NOAA AMS	7 NOAA AMS
8 UT NH3 QCL	9 UT NH3 QCL	10 NOAA NOxCaRD	11 NOAA NOxCaRD	12 Test Flight 1	13 Test Flight 2	14 Packing
15 Salt Lake Transit	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Integration Schedule – External Investigators

University of Washington

Lexie Goldberger

Broomfield, January 3 - 15

Ben Lee

Broomfield, January 3 - 10

University of Toronto

Alex Moravek

Boulder, December 19-23

Broomfield, January 6-15

Jen Murphy

Boulder, December 19-21

Please contact Jane August, Jane.E.August@noaa.gov, 303 487 7531 with specific air travel requests using the federal contract carriers between specific cities.

Denver – Seattle

Alaska

Salt Lake – Seattle

Delta

Denver – Toronto

United

Salt Lake – Toronto

No Award

Denver – Salt Lake

United

Please also contact Jane August with requests for hotel accommodations in Boulder / Broomfield

Badging at RAF !!

Have you completed your request for a badge for the NCAR Research Aviation Facility?

If not, go to: <https://goo.gl/forms/X4usxJfpzC0c5pxk2>

Enter “collaboration” under “purpose for requesting badge”

List “Pavel Romashkin” as point of contact

Once you have viewed the video, please also send a photograph of yourself to Pavel Romashkin, pavel@ucar.edu, or Cory Wolff, cwolff@ucar.edu.

Work Schedule at RAF

Working hours at RAF are 7:30 AM – 4 PM during weekdays

- Please arrive *before* 7:30 AM so that we can get to work immediately at day start
- We anticipate being able to stay until 5 PM most days during this period
- If we need longer access, we can ask (politely, respectfully) but no guarantee

Weekend access will be provided (hours TBD) January 7-8 and 14-15

We are guests at RAF, and their services are being provided free of charge, so let's please be respectful of their time and assistance

Transit Schedule & Logistics – Broomfield to Salt Lake

Current scheduled transit date is January 15, 2017

Shipping from RAF to Salt Lake

Rental truck currently being reserved (Debe Fisher, NOAA)

Weather permitting, will drive to Salt Lake in one day

Hazardous material will be shipped separately

Investigator transit schedule (proposed)

Ale Franchin	Transit with twin otter	Jan 15	
Carrie Womack	Drive Truck	Jan 15	
Erin McDuffie	Drive Truck	Jan 15	
Dorothy Fibiger	Drive Equinox	Jan 15	
Bill Dubé	Drive Equinox	Jan 15	
Alex Moravek	Fly Late	Jan 15	Evening
Lexie Goldberger	Fly Late	Jan 15	Evening
Steve Brown	Fly Early	Jan 15	AM or Jan 14 PM

Campaign Schedule – All Investigators

Hotel: Candlewood Suites, 2170 W. North Temple, Salt Lake City UT 84116

University of Washington

Lexie Goldberger

January 15 – February 13

Joel Thornton

January 15 – January 30 (10 days only)

University of Toronto

Alex Moravek

January 15 – February 13

Jen Murphy

January 17 - 23

NOAA

Ale Franchin

January 15 – February 13

Ann Middlebrook

January 20 – 26; February 3 - 9

Steve Brown

January 15 – February 13

Bill Dubé

January 15 - 21

Dorothy Fibiger

January 15 – February 13

Erin McDuffie

January 15 – February 13

Carrie Womack

January 15 – February 13