

Flt ID: 020418H	From: KMCF	To: KMCF
Flt No: 02-042	Blk In: 0023	ATA: 0010
ETD: 2130	Blk Out: 2145	ATD: 2155
ETE: 3+00	Blk Time: 2.6	Flt Time: 2.3
Sponsor Org: NOAA / AL	Program: ITCT 2K2	Purpose: INSTRUMENT CHK FLT. #2

AOC Personnel

AC: TENNESEN, D	Sys Eng: DELGADO, J
CP: KENUL P	Data Sys: McMillan, S
Nav: NEWMAN, C	Radar:
FE: BAST, G	GPS/BT:
FD: SHEPHERD	Cid Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
CS Hübler, G	PI	NOAA / CIRES
2 RYERSON, T	Co PI	NOAA / AL
CSX NEUMAN, A		NOAA / CIRES
3 BROCK, C		
7 HOLLOWAY, J.		
4 DONNELLY, S		NCAR
5 WARNEKE, C		NOAA / CIRES
3 DUNLEA, E		
G THOMSON, D	↓	

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

BL ~ 5500

2383	2355
2145	2155
<u>2.38</u>	

Flt ID: 020418H	Time Off: 2155	Time On: 0010
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	AVC (Take Off)	Wx Station (Take Off)	AVC (Land)	Wx Station (Land)
Pressure	1017.9	30.08	1018.8	30.09

	Number	Data Disposition / Date / Quality	
Flt Lvl Tapes			
Radar Tapes			
Cloud Physics Tapes			
Video Tapes			
AXBT			
AXCP			
AXCTD			
Dropsondes			

Video					
	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

Second scientific testflight

Date: 4-18-2002
Doors close: 1645 hrs
Takeoff: 1700 hrs

need full 3 hrs preflight

Proposed flight profile:

takeoff KMCF at or about but no earlier than 1700 hrs
at pilots discretion:
after takeoff climb to max altitude (17-19 kft) at 1500 ft/min
fly wind L to check winds (~45 min)
(Rosemary forest fires no longer active)
descend to 1500 ft / within the PBL whatever is lower over water
delay at FL 120 and FL 60 for 5 min each
spend about 60 min at low altitude
with flight leg over water and over land
determine Apollo powerplant plume direction
then traverse plume perpendicular to the windvector at 5 nm standoff
return to KMCF at pilots discretion

Science crew list:

Hübler, Gerd
Ryerson, Tom
Neuman, Andy
Brock, Chuck
Holloway, John
Donnelly, Stephen
Warneke, Carsten
Dunlea, Ed
Thomson, Dave

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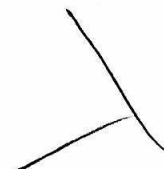
32
180
212

180

315
180
135 135
90
045

270/6

6 15.10
08



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6. NEXT POSITION

- PILOT INTENTIONS
- WE HAVE