after the flight).

CBLAST Fabian

#### **E.2 Lead Project Scientist**

### E.2.1 Preflight

M81. Participate in general mission briefing. Determine specific mission and flight requirements for assigned aircraft. Determine from field program director whether aircraft has operational fix responsibility and discuss with AOC flight director/meteorologist unless briefed otherwise by field program director. Contact HRD members of crew to: a. Assure availability for mission. b. Review filed program safety checklist c. Arrange ground transportation schedule when deployed. Determine equipment status. Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing. Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight requirements and provide a formal briefing for the flight director, navigator, and Report status of aircraft, systems, necessary on-board supplies and crews to appropriate HRD operations center (MGOC in Miami). Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times. 8. Perform a radio check with headsets. Make sure everyone's headsets is work properly. 9. Collect "mess" fee (\$2.00) from all on-board HRD flight crew members E.2.2 In-Flight \_\_ 1. Confirm from AOC flight director that satellite data link is operative (information). \_\_\_\_ 2. Confirm camera mode of operation. 3. Confirm data recording rate. \_\_\_ 4. Complete Form E-2. \_\_\_\_ 5. Check in with the flight director to make sure the mission is going as planned (i.e. turns are made when they are supposed to be made). E.2.3 Post flight Debrief scientific crew. 1. Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) 2. remaining aboard the aircraft to MGOC. \_ 3. Gather completed forms for mission and turn in at the appropriate operations center. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.] 4. Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms. \_ 5. Determine next mission status, if any, and brief crews as necessary. \_ 6. Notify MGOC as to where you can be contacted and arrange for any further coordination required. Prepare written mission summary using form E-2 p.3 (due to Field Program Director1 week 7.

# **Lead Project Scientist Check List**

Date 9-2-03 Aircraft 43 RF Flight ID 0309021

### A. -Participants:

HRD		AOC	
Function	Participant	Function	Participant
Lead Project Scientist	Mirhael Black	Flight Director	Barry Domiana
Cloud Physics	East Oblhow	Pilots Pengest	John Adles
Radar	Rob Robers	Navigator	Denle
Workstation	Chay Readorg	Systems Engineer	- Buesing.
Photographer/Observe	er and the same of	Data Technician	Kay Tongs
Dropwindsonde	Chris / Rob	Electronics Technician	Temy Lynch
AXBT/AXCP/Guest	seson on-body	Other 8/97 - 5	Af French

Take-Off: 134 Location: St. Crarx Landing: 0015 Location: St. Crorx

Number of Eye Penetrations: \_

#### B. —Past and Forecast Storm Locations:

Date/Time	Latitude	Longitude	MSLP	Maximum Wind	
		neite	едо то ввот втотия	2 Comin	
			dala narording rate.	S. Contrib	
			a Form 6-2	A, Garapte	
evs anno leup berm	lig as gring as gi	and eyers ordern ou to	with one flight direct	S. Gleecki	
		Total Market	Dominated with American		

C Mission Briefing: IP 100 am, State eye
a sold hered to a collecte up to me out - 73 08,000
TO THE RESERVE OF THE PROPERTY
Coordinated drops (4 each 1943, 8 each 1942)
Coordinated drops (4 each 1 9 43, 8 each 129 42)  IF OK @ 8,000ft - try to desired to 5,000 ft  with 60 milesters - finish butterly rotating 60 dwind
with 60 ml delivery of west of the property of the contract of
10. Lot of the think the state of the state
SE grad with 35-50 Hts  Ger Circle of 2 step desirent  upword + downwhad 600 900, 200  100 repeat for crasswird
Not for Circl of 2 step dos.
3 Daving I down what
6/ 2400, 1200, 400, 600, 200, 200, 200
\$ 100 repeat to craciminal
IR Earned step descent

# D. —Equipment Status (Up ↑, Down ↓, Not Available —, Not Used O)

Equipment	Pre-Flight	In-Flight	Post-Flight	# of DATs or Expendables
Aircraft	/	BACONIE COLUMN		
Radar/LF	VEFOR	V	January Bass	
Radar/TA (Doppler)	ITA NOUSY	telicolo	Cloud Physics S	TE E III
Cloud Physics		ieimisi e	Boundary-Loves	
Data System	1	Jalin Communication of the Com	Werkstollon Sold	
GPS sondes			- myeranio	
AXBT/AXCP		ged in your made or page	relian le la leva State.	स्थानाम स्थानका स
Workstation	7			
Videography		esta a Sie Diolare		

REMARKS:

fg1

Form E-2 Fabras

### **Lead Project Scientist Event Log**

Date 9/2/03 Flight 030902 LPS M. 18 lack

Time	Event	Position	Comments	
1434	Takpolt	St. Cooix		1
1506	Beginboxe	atter for BA	-T callbration - 6	12 00c
1518	Ringsh B	ex pact		
1520	Back on 14	OF ROLYA		
134	outer conv	cetive bonf	130 SW of Chr	
1536	SFMR -	20-25 m/s	in band	- K 15
1539	Along Con.	cetive brond	40-50 dBZ	
1540	cross mg	Convection	e bound	
1007	~ 60 miles	south okey	en 40 miledi	uneten
1007	CATIPA-	Junnise	OF CT	
1000	Heading	in to heard	the sid son	01
1613	tunneday	and to me	1K 315-5E-0R	CANT
12 200	Paccible	CAGE BY	step descent	es problem
1643	Rudur F	porend =	J / Chr - C-a Ceach	7
THUT	Radur	D CONT		
19,2	TP TR	K RAS L	eye-swor	
171447	Dropte	1 ~ 25 mi	les from RM4	
171553	Prop#2	~21 mile	from RMY	
17 1650	prop #3		and the same of th	
171749	Prop #4		11120	1 44
1-122	Rmw-	light leve	110-12+5 BA	ad Mak
1723	SFMR mo	x ~100 Kt	5	1
1724	In eye	2 ce 11	awaring 42	BURR
1802	racking	3/5° +h	roogh MW.	MA
1804	Drop#	l) abutignol		
180920	1 or of the			

150010 Proper

17/8 - RR 2039' N GOX 948 mb

Lead Project Scientist Event Log

Date 9/2/03 Flight 0309021 LPS M, 18 19 (\*)

	Time	Event	Position	Comments	
	1914	50 miles	NWORC	to turn to a	
	1921	50 miles	westor	er	
7	1402	1 moour	od From	west	
	7995	Drops 9-	12 west	Expensell - 115	1 Hos
	1853	merse	P		
=	Frolina	- receive to	STS		
	1851	Durps	docum		
	1906	54110	Enelina		
	1907	Kerelen	Den )		
	1911	42) any	2 Arella	AN Ch.	
	1929	Rader U	0-Ne 7	al n	).
	1927	Frankens	315 001	lokeye th	200
	1928	entering	Nuege	wall	112
	1930	- AXBT	C		
	3	Drops	8~12		
	1934	AXBT	AIR	(	
	1940	· Snd o	AND leg		
	MSO	Then to	to eye	Rom Story	
4	195521	1 prop 13	Als mile	s of then told	W
	195624	Bropily		, ,	
	195120	Prox 15	) WOSK	Cyde	
,	145754	Drop 16			
	200006	in eye	-	<u> </u>	
	200130	Ceoks 90	55 60 9	4 - Cirding	I ray but
6	20/320	Tracking		Eyewall NIS	- 119 Hs
0	01730	Drop lof	-1206	5	
1	01800	18 das a	1214	5	
5	2p/1900	Drop 19			
	5 7 = -	(P)	lokts		
2	0200	Brop 20	110Kts		5.0
			-		

# **Lead Project Scientist Event Log**

Date	Flight	LPS	- 35
------	--------	-----	------

	Time	Event	Position	Comments	
the territory	203000	Descendo	Lo 25001		
	203733	250011	Begin Upu	m/ leg = trl	1710
0	2049	Turning.	hx Descend	to 12001 Wino	1720
3	2051	Downain	nd 12001		
3	05642	End 1200	of -descep	d to 900 - 600	-18/76
	70000	900 tn	K 165 0	Dielvery 6.06	Kr
210000	10100	6001 4	K35020	Der Mer	
Tocen's	11490	600 700	345 Up	word - 300	exery.
2	11700	1 Such G	00 - n19	at tony and	enelle wo
	19 436	200 E	Dalia	- DIDION	
3	12000	2001	eland in	- Marie Constant	
21	3/80	accent	to 2000		
2	133	righty	ann tob	egin Charachel	
2	14120	Crassini	1 2500		
21	4409	torn 10	Rt descen	il fo 1200'	= 5
21	14600	1200	O possewan	1 100 THE 2	55. 70KG
3.	19204	reverse (	lourse to	9000	70KH
2	- July-	to west		-100	
*	seno	Cing Ci	of winer	91 700	
50	RUGO	alse or	a us R	when I tok ?	20
~	210050	Bird a oo	(cannola	120000	O
	7916	Each Cu	Prog 1 17	the state of	
	2020	FILS (	200 - 50	- 01 711	
	* *	9 (0.	200 20	.8361,4	
6	12/18	trk I	225 = ex	A RO SOUDLY	<b>T</b>
Silon	m 223	50.		<b>(a)</b>	. (
		000		142	
moun	ne o	060		9ckg mb	
7	231	00 - 01	nb to 16	1000 X	
	olg Ro	n St. Condi	THO.C.		4-1-4-1
	ı	" Cheli	7		