N42RF ERROR SUMMARY 20170906H1

Flight ID: 20170906H1

Sensor or System	Number or Name
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.1
Dewpoint Temp. Probe	TDM.2
Vertical Accelerometer	AccZfilterI-GPS.1
Altimeter	AltGPS.3
INE Selection	1
Differential Attack Pressure Probe	PDALPHA.1
Differential Sideslip Pressure Probe	PDBETA.1
Dynamic Attack Pressure Probe	PQALPHA.1
Dynamic Sideslip Pressure Probe	PQBETA.1

Flight Directory

acdata/2017/MET/20170906H1

Local	Met Data	Takeoff TBPE	(1332Z)	Landing KTPA (1851Z)	
	Dynamic Correction	ns		Yes	
	AttackAngleInterd	cept		2.35256	
	AttackAngleSlope			6.11627	
	SlipAngleIntercep	ot		0.23	
	SlipAngleSlope			6.9614	

Notes:

There were no edits made in the measured parameters used to calculate meteorological and navigational parameters.

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

Repo from TBPB to KLAL via KTPA (stop at KTPA was to process Customs). Data system was not started up again for short transit from KTPA to KLAL.

Expendable Type	# deployed	# good	<pre># transmitted</pre>
Dropsondes	0	0	0
Test sondes	0	0	0
AXBTs	0	0	0
AXCPs	0	0	0
AXCTDs	0	0	0
UAS	0	0	0

Flight Director: Holmes
Phone #: 863-500-3983

ACAT-4 Version = 7.1

			NOA	A	Air	craft O	perations Cei	nter - NOAA 42 Flig	ht Manifes	st			
	FLIGHT IN	IFORM/	ATION				CREW MA	NIFEST		MISSION INF	FORMATIO	ON	
FLT ID:	20170906H1	FLT #:				AC:	Kibbey /	Scientists:	Pres	sure	D	es	
From:	ТВРВ	ETD:	1430Z			CD(a):	Kahn A/C Talca		A/C Takeoff		Good	Bad	Sent
То:	KLAL via KTPA	ETA:	2230Z			CP(s):	Rees	Price ^J	A/C Takeon		1 2		
Block Time Flight Time				Nav(s):	Freeman	Mitchell	Wx Station						
		19-1/2	0 -		ivav(s).	Urato 🗸	Sloan /	Takeoff					
	2002/2110		1731/21	07		FE(s)	Heystek ✓	Tuffnel, Todd 🗸	A/C Land		Good	Bad	Sent
Out:	1411/2011	Out:	11/22/2-	/ -)		1 (3)	Sanchez J	Parrish J	700 Edild				
Out.	17/6/2046	Out.	1432/20	5/		FD(s):	Holmes -	Warnecke √	Wx Station				
Total:	FOLOV	Total:	62/0	0		1 0(0).	Belson J	Visitors:	Land				
3.8/0.		1		SEB:		Mascaro V	Storm Numbe	AL112017					
Sponsoring Org: EMC/NHC 5.5					Darby J	(ie: AL072012)							
Program: 6,2 PRX			SSA: Richards Kregelka		TCPOD/WSP	WXWX# TRAIN							
Purpose: REPO					Carrion, Geoffrey (AOC)	(ie: NOAA2 2	NOAA2 1011A IRMA						
ruipose.					AVAPS: McAlister J OBSERVATIONS								
	AS REQUIRE	D BY O	RM	Y	N		REMA	RKS	Fix Number	Obs Number	Fix Tim	Э	SLP
VOLCA	NIC ASH				Х								
SCIEN	CE MISSION WIT	HIN BDF	RY LAYER		Х								
LACK	OF PRECIPITATION	N			Х								
RELAT	IVE HUMIDITY ≥	80%			X								
LARGE AIR-SEA TEMP GRADIENT X		X											
HIGH SURFACE WINDS X													
LONG FETCH / DURATION OF SFC WND X		Х											
SEA SA	ALT ACCRETION	FOREC	AST		X								
SEA S	ALT ACCRETION	OBSER	VED		17								

Additional	Pamarke.

kpit Gmax: G

Cockpit Gmax:

Gmin:

*Highlighted items must be completed before departure.

APPENDIX 1 – P3 QC Checklist

ATBAB

Flight ID:	2017090641
Flight Director(s):	Holmes

Pressure Comparison
T/O Land
Aircraft 1007 1011 (LTA)
Tower
1007 1012

UWZ.d mean: 0.05

/	Raw 1Hz Mean File Parameters									C File Parameters				
Accelerometer	Γ	AccAXI.1		AccAYI.1		AccAZI.1		AccZfilter-GPS.1		AccZref				
	Γ	AccAXI.2		AccAYI.2		AccAZI.2		Acc-Zfilter-GPS.2						
	Г	AccAXI-GPS.1		AccAYI-GPS.1		AccAZI-GPS.1	Γ							
		AccAXI-GPS.2		AccAYI-GPS.2	L	AccAZI-GPS.2								
VAltitude	T	AltGPS.1	Γ	Alti-GPS.1	Τ	AltPaADDU.1		AltRA.1		ALTref		AltRA1.c		
	Γ	AJtGPS.2	Г	Alti-GPS.2	Γ	AltBCADDU.1	Γ	AltRA.2	Γ	ALTPA.d		AltRA2.c		
	1	AltGPS.3							Γ	ALTGA.d				
	F	AltGPS.4	l											
4 Ground Speed	Γ	GsXI-GPS.1		GsYI-GPS.1	Τ	GsZI-GPS.1	Γ		Γ	GSXref				
	Γ	GsXI-GPS.2		GsYl-GPS.2	T	GsZI-GPS.2	1		Г	GSYref				
,	Γ				_		•		Γ	GSZref				
YLat/Lon	Γ	LatGPS.1	Γ	Lati-GPS.1	Γ	LonGPS.1	Γ	Loni-GPS.1	Γ	LATref				
-		LatGPS.2	Г	Lati-GPS.2	T	LonGPS.2		Loni-GPS.2	Г	LONref				
		LatGPS.3	Г		T	LonGPS.3	Γ		Г	***************************************	•			
/	Г	LatGPS.4			Γ	LatGPS.4	1							
Pressure /		PDALPHA.1	7	PQALPHA.1	6	PQM-1	v	PSM.1	v	PDALPHAref	€	PQMref		
	-	PDALPHA.2	7	PQBETA.1	1	PQM.2	85	PSM.2	,	PDBETAref	1879	PQ.c		
	6	PDBETA.1	Г		-	PQM.3		PTM.1		PQALPHAref		PSMref		
/	4	PDBETA.2			Г	PQM.4	Г		ŕ	PQBETAref	0	₽S.c		
Air Speed	П	CasADDU.1		Tas ADDU.1	Γ	lasADDU.1	Г		e22	IAS.d		TAS.d		
Pitch/Roll	П	Pitchl.1		PitchRatel.1	Γ	Rolli.1		RollRatel.1		PITCHref				
	П	PitchI.2		PitchRateI.2		Rolli.2		RollRatel.2		ROLLref				
	П	Pitchl 3		PitchRatel.3	Γ	Rolli.3		RollRatel.3	Γ					
Temp/Dewpt	6	TIM-1	ANG	TDM.1	ě	TRadD.1	Γ		1	ŤD.c	c	TTMref		
	.80	TIM2	į,	TDM.2	£,	TRadS.1				TDMref	-	TA.d		
	100	TTM.3	ess	TDM.3	,	TRadU.1								
Miscellaneous	Г				-	A		The state of the s	,	ÚWZ.d	e	WS.d		
(must check)									d	DPJ_WSZ		-WD.d		
, ,									qgri'	HUM				

FLID_Mission_Documents.pdf:

OH	_pocuments.par.
-	Error Summary
8	Crew Manifest
V	QC checklist
	Dropwindsonde Log(s) – AVAPS and FD if completed
0	Flight Track
~	Miscellaneous FD notes

NOTES:

PDAIPha. 2 >> Unresponsive >> Bad.

