

Flt ID: H031023	From: Kmcf	To: Kmcf
Flt No: 04-08	Blk In: 1804Z	ATA: 1758Z
ETD: 14Z	Blk Out: 1342Z	ATD: 1357Z
ETE: 4:00	Blk Time: 2022 4:22 (4.4)	Flt Time: 3:59 (4.0)
Sponsor Org: Nasa	Program: Tamdar	Purpose: Instrument Test

AOC Personnel

AC: Tcheest	Sys Eng: Reck
CP: Strong	Data Sys: Mcmillan/Reck
Nav: Brakob	Radar:
FE: Floyd	GPS/BT:
FD: Mayeaux/Shepherd	Cid Phys:
Avionics:	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
Zysko, J	Sci	Nasa
Mullaly, D	Sci	Nasa
Kouvaras, G	Sci	Nasa
Jensen, Chris	Sci	Nasa

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

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

ABCW2

Fit ID: 031023H Time Off: 1357Z Time On: 1756Z

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1011.6	29.83	1009.5	29.84

	Number	Data Disposition / Date / Quality
Fit Lvl Tapes	2	
Radar Tapes	0	
Cloud Physics Tapes	0	
Video Tapes	1	
AXBT		
AXCP		
AXCTD		
Dropsondes	1	

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

Remarks

```

TITLE (MAX 21 CHARACTERS) -- EX HURRICANE PAINE
TAMDAR MISSION 3
YYMMDDL FLT I.D.
031023H
HHMMSS START TIME -99999 DEFAULT TO START OF DATA FOR PRINTOUT ONLY
135401
HHMMSS END TIME 999999 DEFAULT TO END OF DATA FOR PRINTOUT ONLY
175900
HHMMSS TAKE OFF TIME
135700
* NUMBER OF TAPES (I2) ...FOR STANDARD TAPE OUTPUT ONLY
01
* -----LOGICAL UNIT OF INPUT DATA (I1) 5, 8 OR 9 FOR TAPE DRIVE
8
* -----LOGICAL UNIT OF OUTPUT TAPE DRIVE (I1) [FOR STANDARD TAPE ONLY]
8
* -----LOGICAL UNIT OF PRINTER (I1)
6
* -----DATE OF PROGRAM (MMDY)
06094
* -----STATIC PRESSURE PROBE (I1)
* 1 = PSW (WINGTIP)
* 2 = PSF (CO-PILOT/FUSELAGE)
* 3 = FUTURE USE
2
* -----DYNAMIC PRESSURE PROBE (I1)
* 0 = PQW(WINGTIP)
* 1 = PQF1 (FUSELAGE 1281)
* 2 = PQF2 (FUSELAGE 1221)
* 3 =FUTURE US
1
* -----INE SELECTION (I1)
* 1 = INE 1
* 2 = INE 2
2
* -----ACCELEROMETER (I1) - USUALLY THE SAME AS YOUR INE SELECTION
2
* ----- TOTAL TEMPERATURE PROBE (I1) [1 OR 2]
1
* ----- DEWPOINT TEMPERATURE PROBE (I1) [1 OR 2]
1
* -----ALTIMETER OPTION (I1) - FOR VERTICAL WIND COMPUTATION
* 0 = PRESSURE ALTITUDE (OVER LAND)
* 1 = RADAR ALTITUDE APN-159 (OVER WATER)
* 2 = RADAR ALTITUDE APN-232 (OVER WATER)
1
* -----PRINTOUT RATE SECONDS (I2)
30
* -----WINDSPEED/DIRECTION RUNNING AVERAGE TIME, SECONDS (I2)
10 ! FOR STANDARD TAPE OUTPUT ONLY
* -----TIME OPTION (I1)
* 1 = MICRO 29
* 2 = TIME BASED GENERATOR #1
* 3 = TIME BASED GENERATOR #2
1
* -----NAME OF CONSTANTS FILE EX CO3863.CON
CO2032.CON
*****

```

[illegible]

Flight ID: H031023

U.S. Dept. of Commerce

NOA

NOA

NOA

NOA

NOA

NOA

NOA

NOA

NOA

Time

Lat

Long

Alt

Hdg

Wind
Dir

Wind
Spd

192230

2648

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Flight ID: H031023

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Form 413-50

[illegible]

N42RF AVAPS DropSonde Log

N42RF Project: TAM PAR-3

Flight ID: 031023H

Mission: _____

Flight #: _____

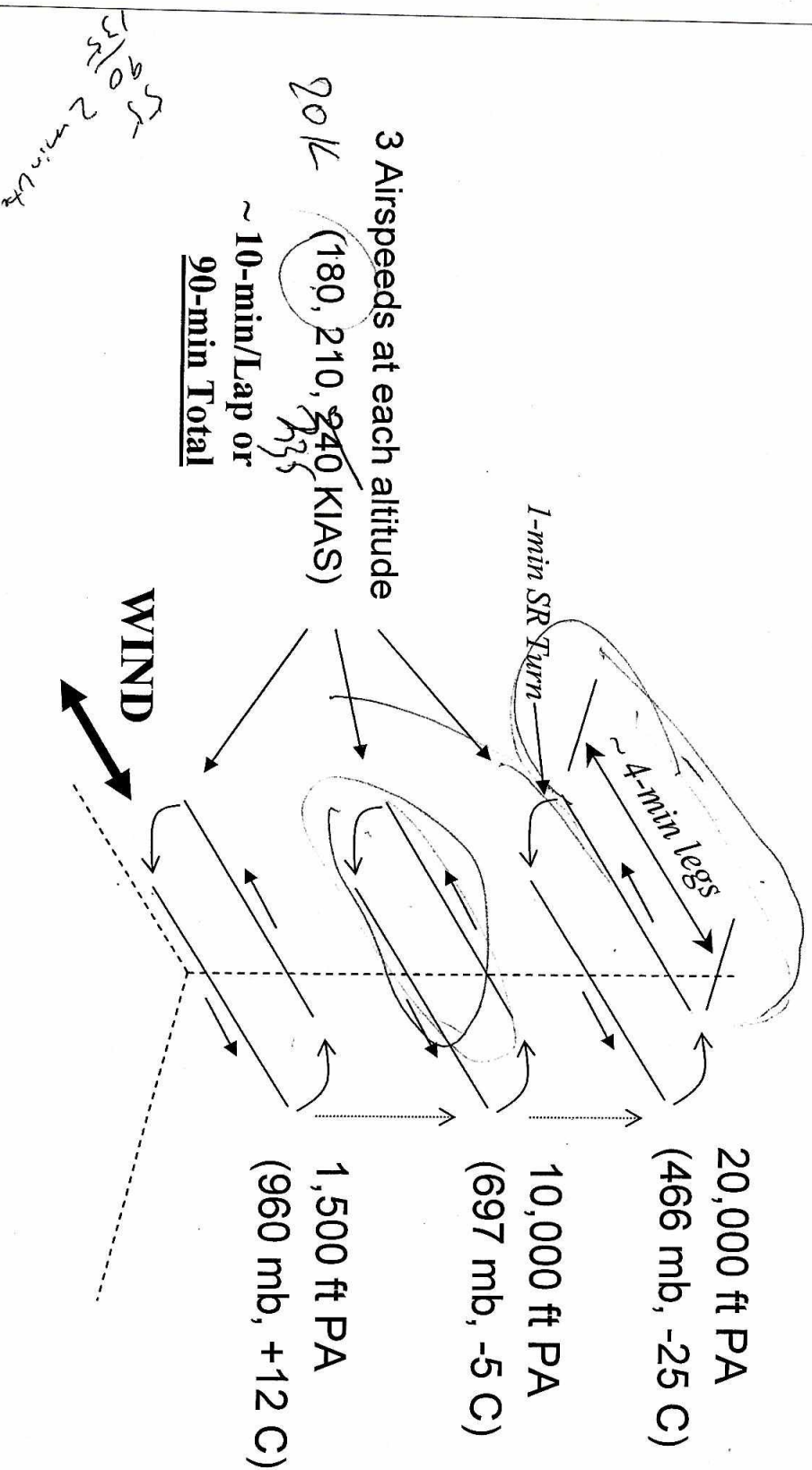
System Status: Good

Drop #	Sonde Serial Number	Time (Z)	Chn #	Press. offset	Winds time	Operator Init.	Comments Drop Status	BAD ☐	GOOD ☐
1	021 925 177	150140	1	—	61	STM	Winds IN/OUT 8/8	☐	☒
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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28									
29									
30									
31									
32									

(STM)

P3 Racetrack Patterns for TAMDAR Calibration Flight #2

(9 data runs spanning 3 airspeeds at each of 3 altitudes)



031023H

Post Processing

Ine 2

PQf1

PSF

TD 1

TT 1

RA 159

LveJW good

KLWC - Bed - not on

RA 159 - ~~Q~~ Substitute - 175501 - End

Pdcr - Pdscr ~~not~~ not working

Correct RQ AF b/w 1500-1535 offset ~~2~~ 150601-152001

Renav - 175900 -1.4, 0.3

165900 -0.7, 0.0

155900 -0.4, -0.2

145900 -0.2, 0.1

135900 0.0, 0.1

POSITION REPORT

MISSION LOG

PAGE 1 OF 4

A circular protractor scale with degree markings every 10 degrees, labeled from 000 to 360. The scale is centered on a grid background.

A circular protractor scale with degree markings every 10 degrees, labeled from 000 to 360. The scale is centered on a grid background.

POSITION REPORT
1. POSITION
2. TIME
3. ALTITUDE
4. NEXT POSITION
5. ETA
6. NEXT POSITION

TRANSMIT THE FOLLOWING MESSAGE TO ANY AGENCY ON THE AIR-GROUND FREQUENCY IN USE. IF UNABLE TO ESTABLISH COMMS, ATTEMPT CONTACT ON ANY OF THE FOLLOWING EMERGENCY FREQUENCIES:

UHF/VOICE	VHF/VOICE	MF/VOICE	HF/CW	MF/CW
243.0	121.5	2182 KHZ	8364 KHZ	500 KHZ

MAYDAY, MAYDAY, MAYDAY
THIS IS NOAA NOAA

- POSITION _____ N/S _____ E/W AT _____

- HEADING _____ TRUE/MAG _____
- AT _____ KTS TRUE/INDICATED _____

- FLIGHT LEVEL OR ALTITUDE
- WE ARE A P-3 AIRCRAFT WITH

- NATURE OF EMERGENCY
- ASSISTANCE DESIRED

- PILOT INTENTIONS

- WE HAVE

ENDURANCE REMAINING

[illegible]

92X 4977