

Radar Scientist Checklist

OCT 10 1985

6 ISSABELLA

Flight # 19851008 I 1 - RADAR
A. C. # 43
Operator Dodge, Gamache,
Radar Tech. ~~Randy Stone~~, Terry S.

Number of digital magnetic tapes on board 34

Number of video tapes on board — ZIP —

Number of tape labels on board LOTS²

Component systems up and checked:

RDSC ✓

VTR N/A

Computer ✓

DSC1 OK

DMTR1 ✓

DSC2 OUT (intermittent)

DMTR2 ✓

Scopes OK

Recording: every sweep tail;
every other sweep LF.

NO who cares

LF ✓

TA ✓

→ TRANSMITTER # 101 M

Time correction between radar time and digital time OK (21 sec flop)

Radar Postflight Summary

Number of digital tapes used DMTR 1 6

DMTR 2 5

Number of video tapes used 0

Significant recorder down time (other than for tape changes):

DMTR: LF _____
NO _____
TA _____

VTR: LF _____
NO _____
TA _____

Other problems: (stabilization, interference, etc.)

From 1733 to 1837 DSC1 was not operating - so no data taken

Nancy,

I would like merged tapes for Tropical Storm Isabel on October 8, 1985 (851008I1) for Doppler tapes # 11, 12, 4, 5, 6 and 7. I would appreciate your doing them in that order. Please label the tapes with the same numbers as are on the Doppler tapes. Use a power level of 30. The flight is 851008I1.

Thanks

John

HRD DOPPLER RADAR TAPE LOG

OCT. 8, 1985

FLIGHT 851008I AIRCRAFT 43RF OPERATOR LORD SHEET 1 of

TAPE NO.	TIME ON	TIME OFF	SOURCE			NO. PULSES	SCAN RATE	COMMENTS
			V	H	S			
1	184404	190325						off at 184950 for turn EOF ok on at 185027
2	190554	192600						turn at 191705. 191757 end turn, EOF ok
3	194700	200405						off for turn 195455 on again 195636, EOF?
4	201452	202311						decent turn freeing land
5	202531	204108						turn at 203133 on at 203409
6	204342	210520						off for turn at 205056 on again 205340
7	211037	212855						EOF ok
8	213311	214642						EOF?
9	214920	220811						EOF ok 1 tape per
10	221405	223305						EOF ok 6g
11	223905	225655						EOF ok
12	230024	231915						off for turn at 230700 on again 231007
13	234049	234630						EOF ok. Decent sounding
14	234935	000512						EOF ok
15	000725	001147						EOF ok
15 TAPES USED								

202208

202208

11 radar

42 cph