

RADAR PREFLIGHT CHECKLIST

FLIGHT # 820914I (DE13134)

A.C. # 43

OPERATOR PARRISH/MARKS

RADAR TECH SCHRICKEP

SEP 14 1982

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 20

NUMBER OF VIDEO TAPES ONBOARD 4

NUMBER OF TAPE LABELS ON BOARD LOTS

COMPONENT SYSTEMS UP AND CHECKED.

RDSC ✓
COMPUTER ✓
DMTR1 ✓
DMTR2 ✓

VTR ✓
DSC1 ✓
DSC2 ✓
SCOPES ✓

NO ✓
LF ✓
TA ✓

Time correction between radar time and digital time +1.5 s

RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 4
DMTR 2 2

NUMBER OF VIDEO TAPES USED 2

SIGNIFICANT RECORDER DOWN TIME (other than for tape changes).

DMTR: LF X
NO X
TA last 6 minutes

because of Azimuth motor failure

VTR: LF X
NO X
TA X

OTHER PROBLEMS: (stabilization, interference, etc.)

at 004130z the tail azimuth motor quit, shut it down at 0046

NHEML RADAR LOG

OPERATOR ARRISH

SHEET 1 OF

RADAR DOWN-TIME LOG

SEP 14 1982

<u>ITEM</u>	<u>TIME DOWN</u>	<u>TIME UP</u>	<u>PROBLEM</u>
Tail azimuth servo	004130Z	—	Servo jammed or died. RFC engineer shut down tail system

ITEM LIST: VTR, DMTRI, DMTR2, COMP, ROSC, LF, NO, TA, DSCI, DSC2

NHEML RADAR TAPE LOG

FLIGHT 82094I

AIRCRAFT 43

OPERATOR PARRISH

SHEET 1 OF

TAPE #	TIME ON	TIME OFF	SOURCE RADARS			REWOUND?		COMMENTS
			NO	TA	LF	YES	NO	
VC2-1	6847	223200		✓	✓		✓	
D1/T1	185915	194100			✓	●		
D1/T1	194105	204000	✓		✓		✓	
D2/T1	194305	202205		✓		✓		EOT
D2/T2	202810	~210730		✓			✓	EOT
D1/T2	205430 204600	~221950	✓		✓		✓	start
D2/T3	210830	214630		✓			✓	
D2/T4	214730	~222600		✓			✓	EOT
D1/T3	222020	222600	✓		✓		✓	
D2/T5	222815	230400		✓			✓	
VC2 2	223300							
D1/T4	222830	220560	✓		✓	X	●	rewound. EOT
D2/T6	230636	232930		✓			✓	in the eye
D2/T7	233000	000946		✓			✓	
D2/T8	000100	005025		✓		X		rewound East of eye 5000' heading west to center boxes
								0040 tail antenna stopped sweeping
								0046 shut tail off

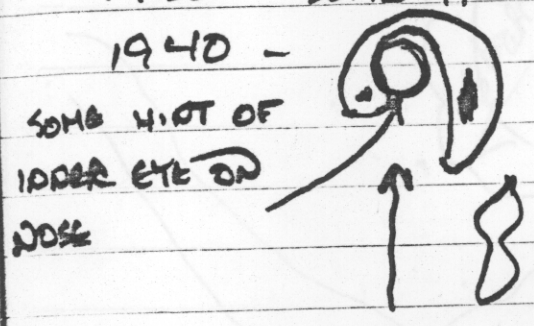
820914 I I

T.S. Debby

BL. 9
Doppler Feasibility
Test.

185915 - Started rec LF - Some incl of outer
bands ~ 30 mi on LF.

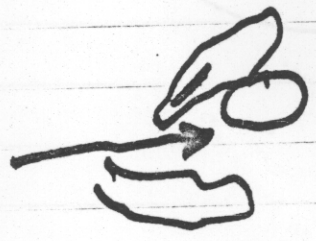
~ 1930 - SOME HIOT OF CIR CENTER @ ~ 120 mi



SOME HIOT OF
INNER EYE ON
NOSE

STARTED TAIL WHEN
EYE WAS ~ 40 NM

pretty bumpy just south of eye

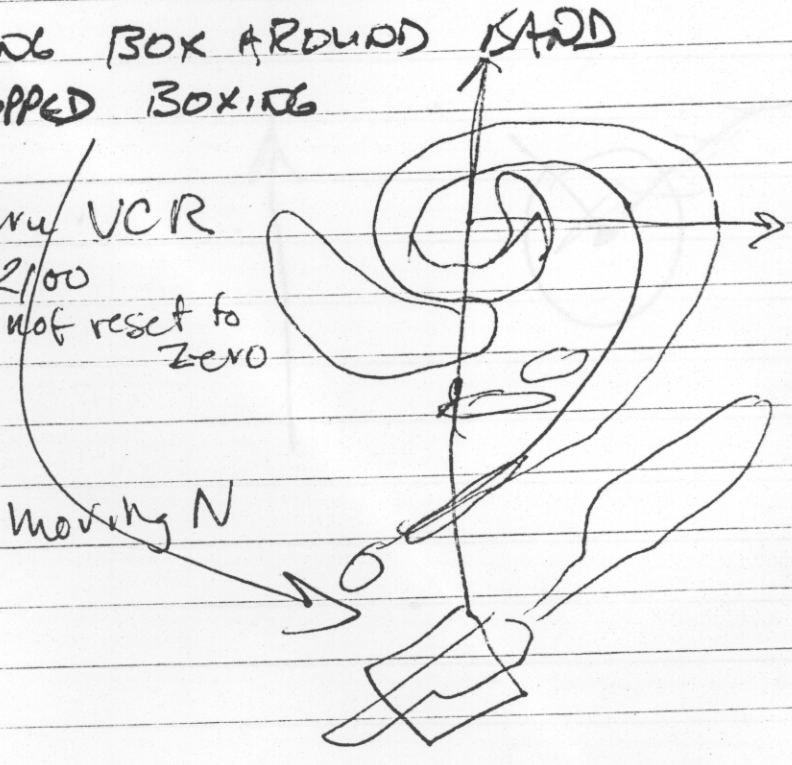


2035 - COMING IN FROM WEST -
AGAIN, SMALL RW EYE - SEEN
BEST ON ARAID6 SCOPES

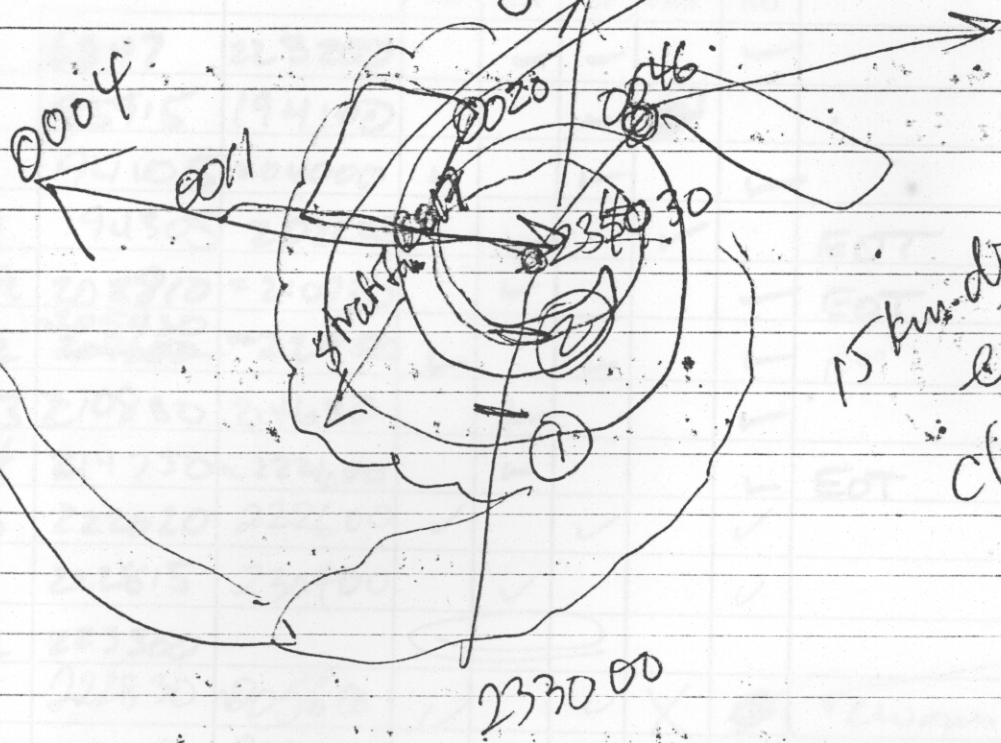
~ 2115 - DOING BOX AROUND STAD
~ 2155 - STOPPED BOXING

2255 step thru VCR
@ 2100
nof reset to
zero

Storm
really moving N



Secondary Swirl Max



15 km diameter
eye
closed

