

RADAR PREFLIGHT CHECKLIST

AUG 17 1983

FLIGHT # 19830817I1-RADAR

A.C. # 43

OPERATOR Stanley Goldenberg

RADAR TECH Thomas Chang

NUMBER OF DIGITAL MAGNETIC TAPES ONBOARD 12 + 2 boxes

NUMBER OF VIDEO TAPES ONBOARD 2

NUMBER OF TAPE LABELS ON BOARD 55 + 3

COMPONENT SYSTEMS UP AND CHECKED..

RDSC /
COMPUTER /
DMTR1 /
DMTR2 /

VTR /
DSC1 /
DSC2 /
SCOPES /

NO /
LF /
TA /

Time correction between radar time and digital time

RADAR POSTFLIGHT SUMMARY

NUMBER OF DIGITAL TAPES USED DMTR 1 7
DMTR 2 6

NUMBER OF VIDEO TAPES USED 2

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

DMTR: LF
NO
TA

None

VTR: LF
NO
TA

None

OTHER PROBLEMS: (stabilization, interference, etc.)

DMTR 2 - Rewind does not stop automatically when finished

NHEML RADAR TAPE LOG

FLIGHT 830811I1 AIRCRAFT 43

OPERATOR Cheng SHEET OF

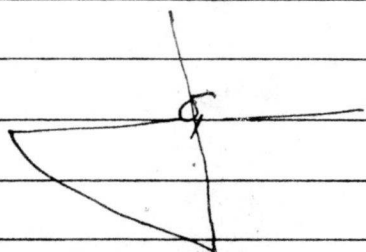
TAPE #	TIME ON	TIME OFF	SOURCE RADARS			REWOUND?		COMMENTS
			NO	TA	LF	YES	NO	
1-1	033730	040115		✓	✓			DNR2 - won't stop after pening - must switch power off
2-1	040120	043100		✓	✓			
1-2	043100	050130		✓	✓			Went to EOT - possibly missed a couple of minutes before change
2-2	050130	0532		✓	✓			
1-3	053400	055200		✓	✓			
2-3	055200	061300		✓	✓			
1-4	061300	0643		✓	✓			
2-4	0643	0707		✓	✓			
1-5	0707	073930		✓	✓			Hit EOT (barely)
2-5	073930	080030		✓	✓			
1-6	080030	08219		✓	✓			
2-6	083220	090200		✓	✓			
1-7	090200	093300		✓	✓			Started climb at 0929 EOT 0933

830817 I1 Alicia

Jorgensen - LPS
Lord - Doppler
Goldenberg } Radar
Chow }
Willis - Cld Phys

THE "Willoughby" Pattern

5000 ft RA



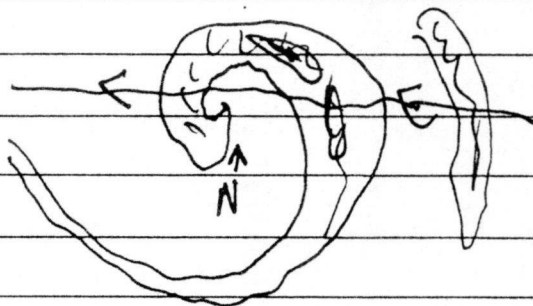
rotate 30° cyclonically
after each pig "4"

Responsible for 0900 Z Fix

Take off - 0109 Z

Beginning Descent 032530 Z From 5 km to 1.5 km

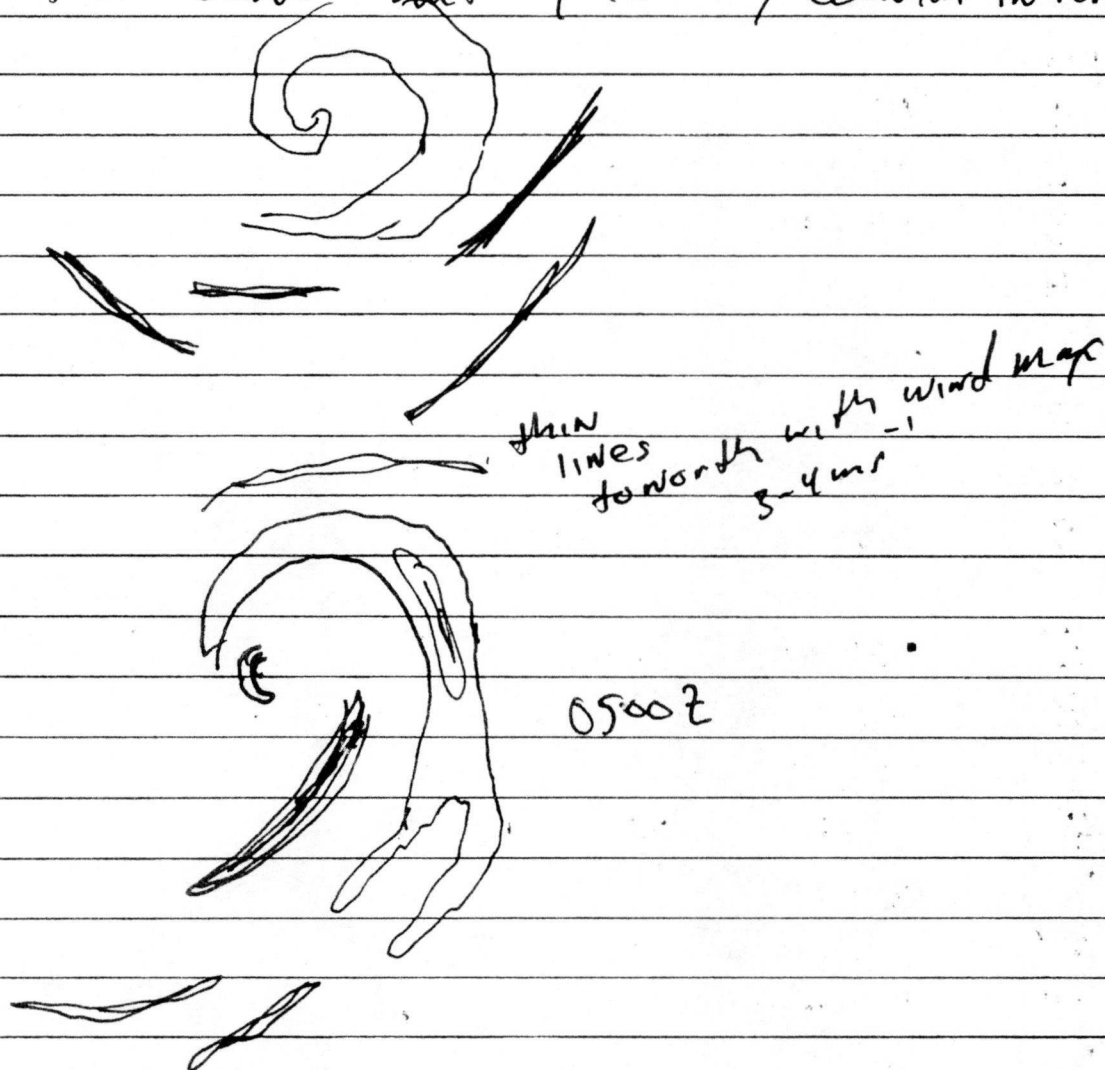
into strong band 0343 - through band 0345
lots of stratiform rain inside band - 0350 Z



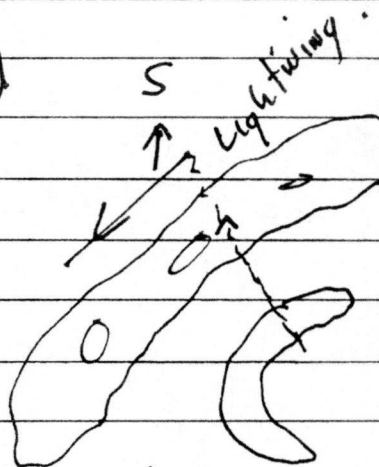
Event Log

point	time	Lat	Lon	MSLP	Comments
1	033640	27.47	91.74	-	Inbound/lightning ahead
2	040330	27.54	93.72	992	Ragged looking radar eye
3	042311	27.57	95.17		Just outside small band
4	044910	26.26	93.72		
2	050824	27.52	93.72	990	Better radar eye open to S
5					Loop in eye
2	051620	27.66	93.75		Start on inbound leg
5	053440	28.89	93.72		
1'	054115	28.69	94.43		Trk 150
2	060257	27.66	93.77	989	
3'	062355	26.52	93.04		
4'	064828	28.87	92.98		
2	070940	27.72	93.91	987	
5'	073015	27.05	95.19		
1"	074000	26.72	94.61		
2	075930	27.86	93.92	986	
3"	081930	28.97	93.25		
4"	084130	28.53	95.24		
2	090150	27.9	94.0	984	
5"	092233	27.22	92.7		

long thin bands south of center, cellular interior



Good Doppler radar band
dual situation



Land 1030z New Orleans

NHRL DOPPLER RADAR TAPE LOG

FLIGHT 820817I AIRCRAFT 43 RF

OPERATOR LORD

SHEET 1 OF

[illegible]