

RFC-1 WORK FORM (7-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION RESEARCH FACILITIES CENTER MIAMI, FLORIDA FLIGHT LOG	AIRCRAFT NG541C
	FLIGHT NO. 27-80
	FLIGHT ID 800808F
	DATE AUG 8 1980

TAKE OFF (City or airport) KMIA	LAND (City or airport) MSY	ALTITUDE 12K
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PURPOSE
HYRRICANE ALLEN

PROPOSED TAKEOFF TIME: 1600Z	PROPOSED FLIGHT DURATION: 8HR
TIME IN: 0105Z	TIME ON: 0058Z
TIME OUT: 1610Z	TIME OFF: 1623Z
BLK. TIME: 8:55	FLIGHT TIME: 8:35

FLIGHT PERSONNEL					
OPERATIONS CREW		SCIENTIFIC CREW		VISITORS	
GUNNOE	MOORE	DARBY	1	AF REAZOR	NASA OLIVER
TICKNOR	BEAVER	SCHRICKEK		NASA JONES	
SCHISSEL		CALVERT		NHRL LEIN	
FLEYRY		DYGRAHGT		NHRL JONSDON	

PROPOSED MISSION

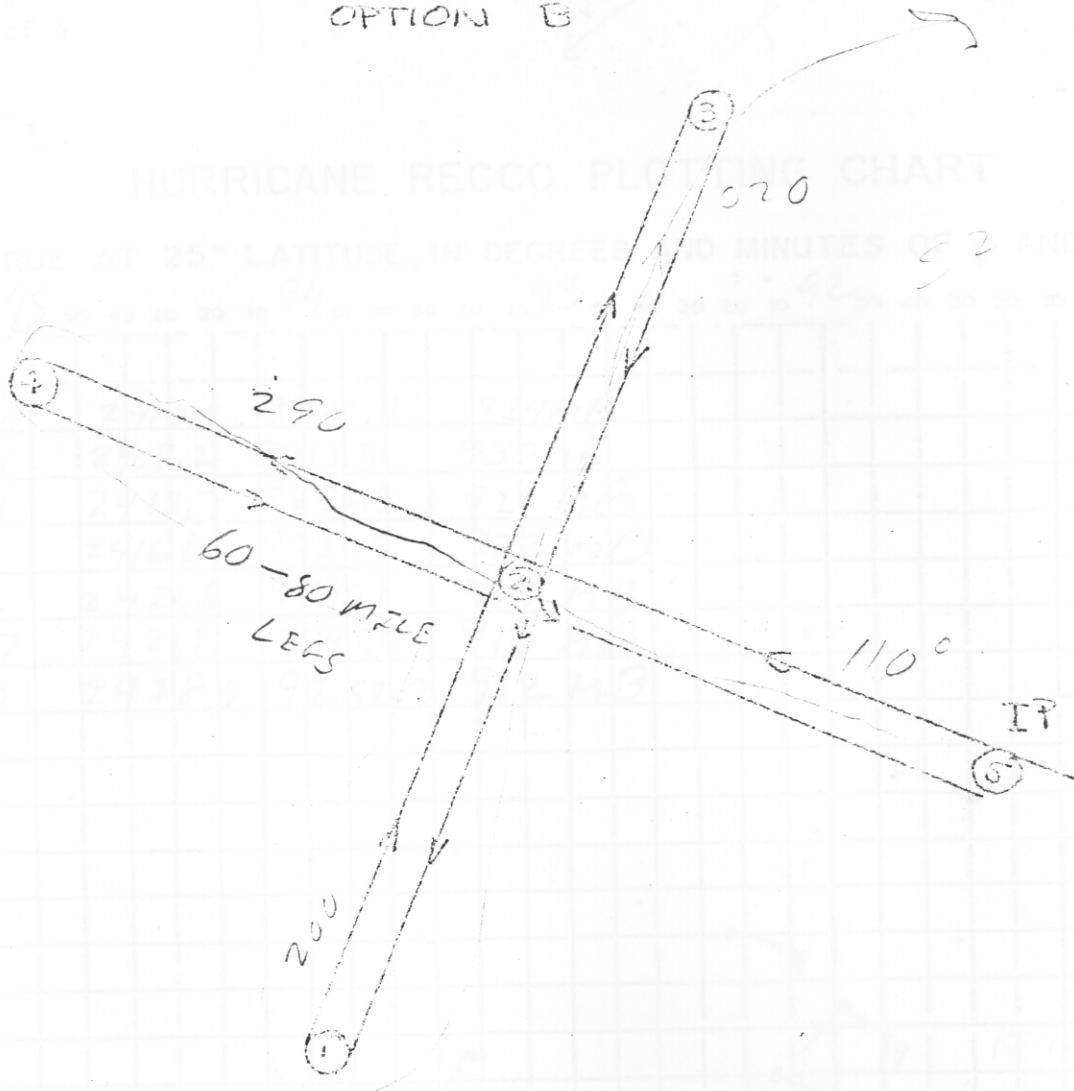
 MODIFIED EYE-WALL EXP. OPTION B 12K

ACTUAL MISSION AND REMARKS

DATA COLLECTED AND REMARKS

 7 EYE PENT

3 A/C MODIFIED EYE-WALL EXP
OPTION B



ALL AIRCRAFT FLY 5,2,4,2,1,2,3,2,5,2,4,...

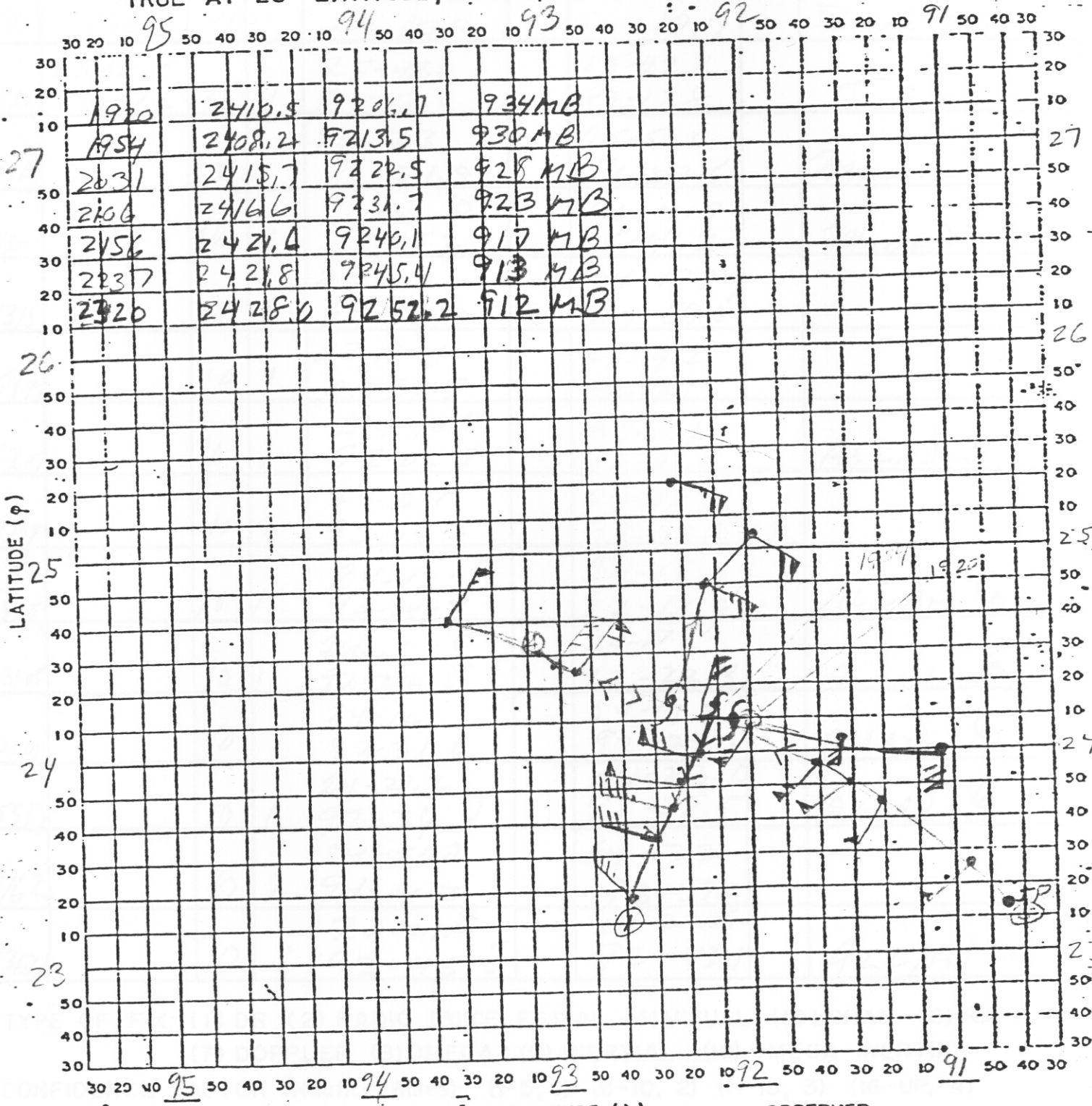
FOR DURATION

ALTITUDES	4IC	12000 FT
	42RF	18-20000 FT
	43RF	5000

OPTION B WILL BE FLOWN IF THE
EYE IS LARGE OR IF A SECONDARY
WIND MAXIMUM IS PRESENT

HURRICANE RECCO PLOTTING CHART

TRUE AT 25° LATITUDE, IN DEGREES AND MINUTES OF ϕ AND λ



DATE _____ LONGITUDE (λ) _____ OBSERVER _____

NOTE: LABEL FULL DEGREES ACCORDING TO LOCATION OF FLIGHT AREA

COMMANDER		NAVIGATOR		A/C NO.	MISSION NO.	TIME AIRBORNE	LOCATION	DATE	PROJ. NAME
Kinnor		Scissors		HIC	800800	162310	Miami	8 Aug	EO ALLAN
TIME OF ENTRY	POSITION	TYPE	CONF. FACT.	INERTIAL POSITION	LAT. LON. COR'N	FIX POSITION	LAT. LON. COR'N	REMARKS	
1612	25-48.2 80-17.6	4	1	25-49.0 80-17.3		25-48.1 80-17.7		Block out	
162310	25-48.0 80-17.2	4	1	25-48.6 80-17.4		25-47.0 80-17.8		T.O.	
165549		10	1	25-53.3 81-51.9		25-52.6 81-52.5		Miami	
171308		10	1	26-02.0 85-45.2		26-01.9 85-46.3		Miami	
181315		10	1	24-48.2 87-57.2		24-47.7 87-57.5			
185443		10	1	23-18.4 90-39.7		23-19.2 90-40.1			
192076		10	1	24-10.5 92-06.8		24-11.1 92-07.5		ALLAN S	
193207		10	1	24-32.1 93-09.2		24-32.7 93-08.8			
195359		10	1	24-13.4 92-14.7		24-14.0 92-13.9		ALLAN S	
203105		10	1	24-15.8 92-22.5		24-17.5 92-22.3		ALLAN S	
210609		10	1	24-16 92-31.6		24-17.3 92-29.0		ALLAN S	
215518		10	1	24-21.2 92-34.4		24-23.0 92-36.5		ALLAN S	
221623		10	1	24-51.0 94-00.2		24-52.2 93-57.7			
223628		10	1	24-21.8 92-45.5		24-22.5 92-42.1		ALLAN S	

TYPE OF FIX: (1) DR (2) RADIO (3) CELESTIAL (4) VISUAL (5) LORAN (6) RADAR
 (7) DOPPLER (8) OMEGA (9) INERTIAL (10) OMEGA-INERTIAL
 CONFIDENCE FACTOR (Nautical Miles): (1-5, 1) (6-10, 2) (11-15, 3) (16-UP, 4)

LAT LONG T Td WD WS RA PA 700SL SPHD

710 35	START OF CALZB RUN							317°				
712 35	END LEG 1											
1713 35	START OF LEG 2							223°				
1717 35	END LEG 2											
1718 35	START OF LEG 3							316°				
1720 35	END LEG 3											
1730	2600.1	8438.2	-2.6	-15.3	150	18	19196	18029	3171	268		
1745	2558.0	8556.0	-2.6	-10.1	137	29	19201	18053	3166	232		
1800 00	2520.0	8702.3	-1.5	-11.6	140	36	19224	18030	3133	229		
1815 00	2443.8	8805.6	-1.1	-6.3	148	46	19066	18048	3105	228		
1830 00	2409.7	8906.9	-0.5	-3.2	162	54	18955	18032	3069	228		
1845 00	2337.0	9005.6	-2.8	-1.0	180	61	18618			228		
1800 00	2329.3	9056.4	11.4		210	49	12122	11976	2993	987	294	
1913 00	2455.3	9143.8	9.7		207	56	11901	12058	2902	976	286	
1920 00	2410.5	9206.7	16.9		012	3.8	10809	12064		934	281	EYE
1940 00	2431.5	9302.6	13.9		038	54.5	12135	12084	2961	979	100	
1946 00	2422.0	9241.2	15.7		030	55.8	11950	12052	2901	974	107	
1954 02	2413.5	9214.5								930		EYE
1956 46	2408.2	9215.5	15.6	11.0	260	94.6	11097	12004	2004	945	773	
2010 00	2331.4	9232.3	10.8	8.5	285	34.0	12041	12034	2951	981	214	
2031 63	2415.7	9222.5	18.0		074	03				928	005	EYE
2035	2431.4	9220.4	13.0	11.1	101	88	11554	11957	2838	966	045	
2042	2450.2	9211.8	12.1	10.5	110	64	11972	12027	2931	975	040	
2050	2444.0	9210.8	12.4	6.8	121	71	11936	12063	2908	974	191	
2106	2416.6	923.7	20.7		271	17				923		EYE
2110	2407.0	9222.9	10.9	10.9	217	75	11747	12097	2809	971	106	
2140	2416.2	9140.7	12.5	6.2	183	55	12055	12056	2947	980	259	
2156	2421.6	9240.1	21.2		027	5.4	10374			917	296	EYE
2200	2440.1	9337.7	12.9	9.3	029	56	12106	12065	2957	979	306	
2237	2421.8	9245.4	22.8		235	17				913		EYE
2250	2340.0	9256.7	12.8		272	47	12003	12001				
2300	2314.3	9310.7	12.1	8.4	287	49	12137	12024	2977	983		
2420	9152.2	9000								912		EYE
2320	2428	9252.2								912		EYE
2336	2520.8	9230.6	12.4	8.7	117	63.1	12009	12008	2952	978	040	
000940	START OF CALZB RUN							086°				
001140	END LEG 1											
001230	START OF LEG 2							352°				
001630	END LEG 2											
001800	START OF LEG 3							109°				
002000	END LEG 3											