

RFF-10 WORK FORM (6-64)		U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU RESEARCH FLIGHT FACILITY MIAMI, FLORIDA		AIRCRAFT N6539C	
FLIGHT LOG (HAZARD)				FLIGHT NO. 70-72	
				FLIGHT ID 720503A	
				DATE MAY 3 1972	
TAKE OFF (City or airport) IAG		LAND (City or airport) IAG		ALTITUDE 100 to 8000 FT	
PURPOSE IFYGL					
PROPOSED TAKE OF TIME: 1700Z		PROPOSED FLIGHT DURATION: 4 HRS			
TIME IN: 2140		TIME ON: 2135			
TIME OUT: 1705		TIME OFF: 1725			
BLK. TIME: 4:35		FLIGHT TIME: 4:10			
FLIGHT PERSONNEL					
OPERATIONS CREW		WEATHER CREW		VISITORS	
GUNNOE		RICHARDSON	PILKINGTON	BEAN (WPL)	
EVERTS		FENNELL	DEVOL	MCGAVIN (WPL) GILMER (WPL)	
CALLAHAN		MINTZ		FRISCH (WPL)	
FLEURY		TRAVIS		(CEDDA) ACHESON	
PROPOSED MISSION ① BOX AT 1800 ABOVE LAKE LEVEL OVER LAND SOUTH OF LAKE (NE IAG) ② SPIRAL TO 8000, THEN PROCEED DOWNWIND TO A POINT ~2 MI OFFSHORE. ③ DESCEND AND FLY LEGS PARALLEL TO WIND AT 1000, 500, 100 FT. 1000 FT 500 FT 100 FT FLY CROSSWIND AT 1000, 500, 100 FT ④ PROCEED AT 1200 FT ACROSS LAKE DOWNWIND AND REPEAT 1, 2, 3. ON NORTH SIDE OF LAKE ⑤ RETURN TO STARTING POINT AND REPEAT 1 THRU 4.					
ACTUAL MISSION AND REMARKS AFTER COMPLETING 1ST PATTERN THRU ④ ENDING AT 100 FT OVER WATER HEADING UPWIND 249°, ASCENDED TO 300 FT AND CROSSED LAKE. ASCENDED TO 1200 FT 5 MI BEFORE CROSSING COAST LINE AND TERMINATED NIAGARA FALLS.					
DATA COLLECTED AND REMARKS 2 DIG TAPES (Y), 2 GP TAPES, 1 FWD, 1 RSC, 1 LSC, 1 RP. (NO RADAR), DECCA OPERATED RADIUMETER OPERATED VISICORDER OPERATED (EVAPORATION, WATER VAPOR FLUX, TEMP. ETC.)					