

FLIGHT SUMMARY REPORT

Flight Number: 02-910
Calendar/Julian Date: 26 October 2001 • 299
Sensor Package: Wild-Heerbrugg RC-30
Wild-Heerbrugg RC-10
MODIS/ASTER Airborne Simulator (MASTER)
Airborne Visible/Infrared Imaging Spectrometer
(AVIRIS)
Area(s) Covered: Big Island of Hawaii, Molokai
Investigator(s): Asner, University of Colorado **Aircraft #:** 809

SENSOR DATA

Accession #:	05660	05661	-----	-----
Sensor ID #:	132	034	124	099
Sensor Type:	RC-30	RC-10	MASTER	AVIRIS
Focal Length:	12" 303.12 mm	12" 304.66 mm	-----	-----
Film Type:	Aerochrome IR SO-134	Aerochrome MS EK2448	-----	-----
Filtration:	Wratten 12	2E	-----	-----
Spectral Band:	510-900nm	415-700 nm	-----	-----
f Stop:	11	11	-----	-----
Shutter Speed:	1/350	1/350	-----	-----
# of Frames:	47	13	-----	-----
% Overlap:	70%	70%	-----	-----
Quality:	Excellent	Excellent	-----	-----
Remarks:	Add 1 second for correct UTC	Add 2 seconds for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-910

Accession # 05660

Sensor # 132

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet / meters	Cloud Cover / Remarks
		START	END		
A - B	1905-1915	19:11:23	19:16:10	35100/10700	10-60% cumulus
C - D	1916-1921	19:27:38	19:30:02	35100/10700	40-60% cumulus
E - B	1922-1931	19:48:40	19:52:58	35000/10670	30-70% cumulus
F - G	1932-1938	20:01:38	20:04:29	35100/10700	30-80% cumulus
H - I	1939-1951	20:37:53	20:43:34	35100/10700	10-40% cumulus

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-910

Accession # 05661

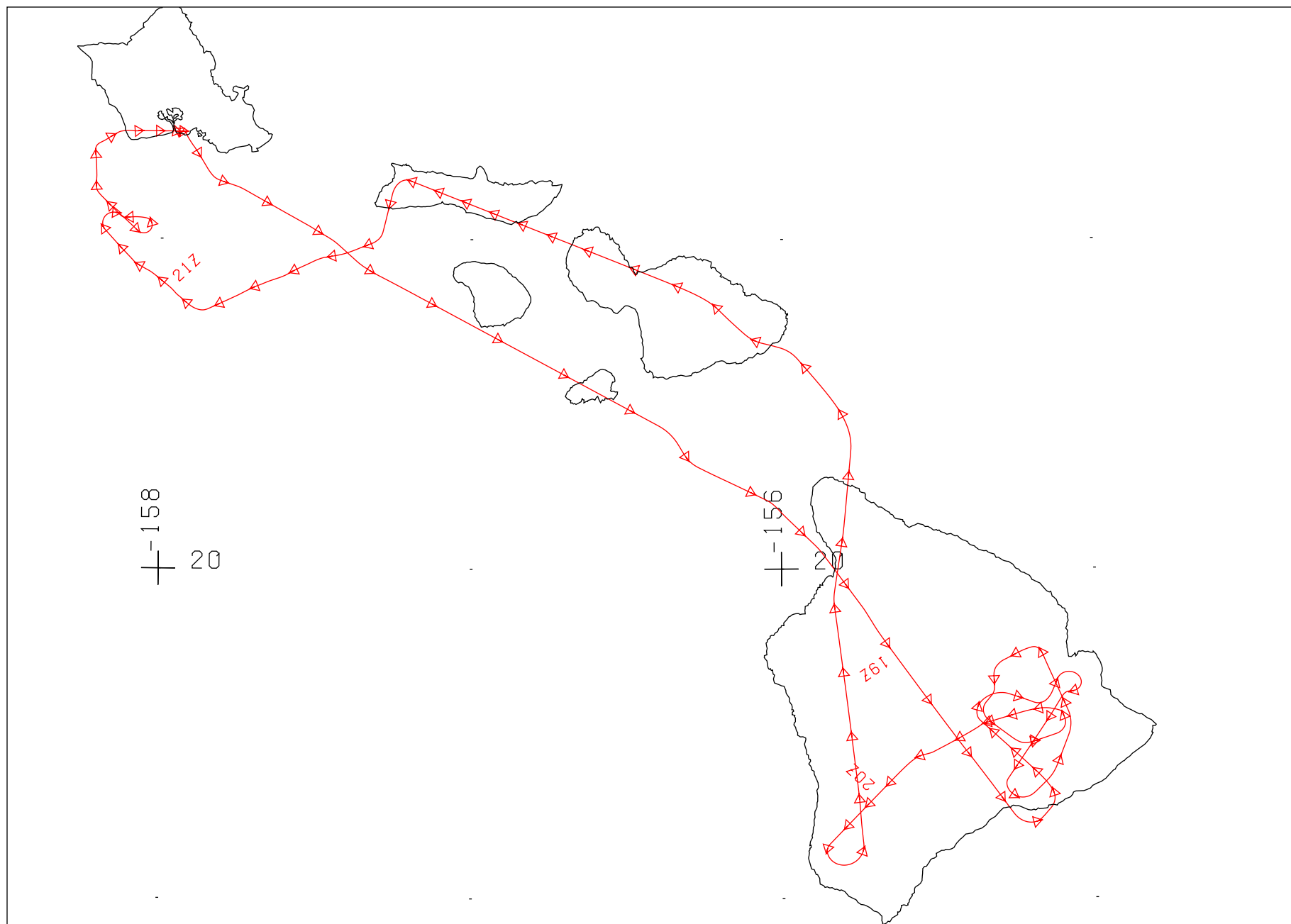
Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet / meters	Cloud Cover / Remarks
		START	END		
H - I	8325-8337	20:37:55	20:43:31	35100/10700	10-40% cumulus

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 26 Oct 2001
 NASA FLIGHT NUMBER 02-910-00

FILE	SITE	LINE	RUN	START OF FLIGHT LINE			END OF FLIGHT LINE			FLIGHT DATA				
				TIME HH:MM:SS	LAT DEG	LON DEG	TIME HH:MM:SS	LAT DEG	LON DEG	SCAN LINES	SOLAR ZEN	AZIM	HEAD DEG	ALT M (GPS)
1	0	0	1	18:47:23	20.617	-156.751	18:50:41	20.436	-156.396	1237	105.7	262.3	124.19	13718
2	0	0	1	18:59:18	19.816	-155.695	19:06:30	19.257	-155.260	2697	108.8	263.0	151.52	11124
3	0	0	1	19:09:45	19.319	-155.133	19:16:48	19.537	-155.365	2643	111.2	263.8	318.60	10076
4	0	0	1	19:24:11	19.613	-155.100	19:30:34	19.364	-155.276	2395	114.5	264.8	225.89	10044
5	0	0	1	19:48:29	19.574	-155.140	19:53:36	19.529	-155.354	1924	120.1	266.6	274.11	10058
6	0	0	1	19:53:47	19.526	-155.361	19:56:39	19.445	-155.513	1079	121.0	266.9	246.94	10063
7	0	0	1	19:57:33	19.423	-155.575	20:04:56	19.165	-155.848	2774	122.5	266.8	238.86	10050
8	0	0	1	20:07:32	19.168	-155.744	20:15:12	19.884	-155.830	2877	124.9	267.8	345.52	12781
9	0	0	1	20:27:09	20.797	-156.211	20:45:05	21.179	-157.197	6733	130.7	271.0	299.10	10891

NUMBER OF FILES FOR THIS FLIGHT = 9
 TOTAL NUMBER OF SCAN LINES = 24359
 DATE THESE FILES WERE PROCESSED = 15-Mar-2002
 DATE THIS LIST WAS CREATED = Mon Mar 18 15:49:24 PST 2002
 GRANULE VERSION = 1

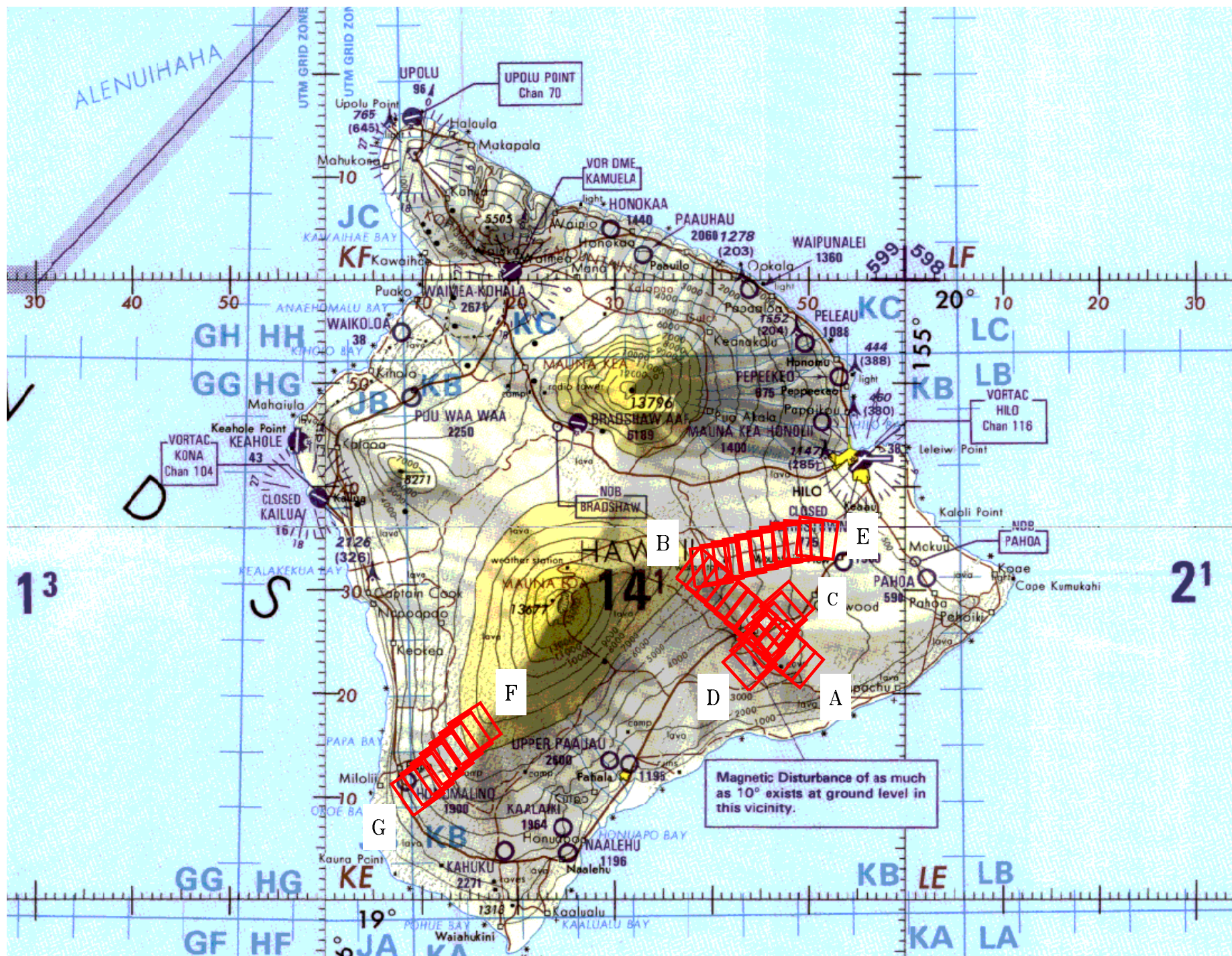


FLIGHT 02-910

26 OCTOBER 2001

A/C 809

RC-30 / MASTER / AVIRIS / RC-10

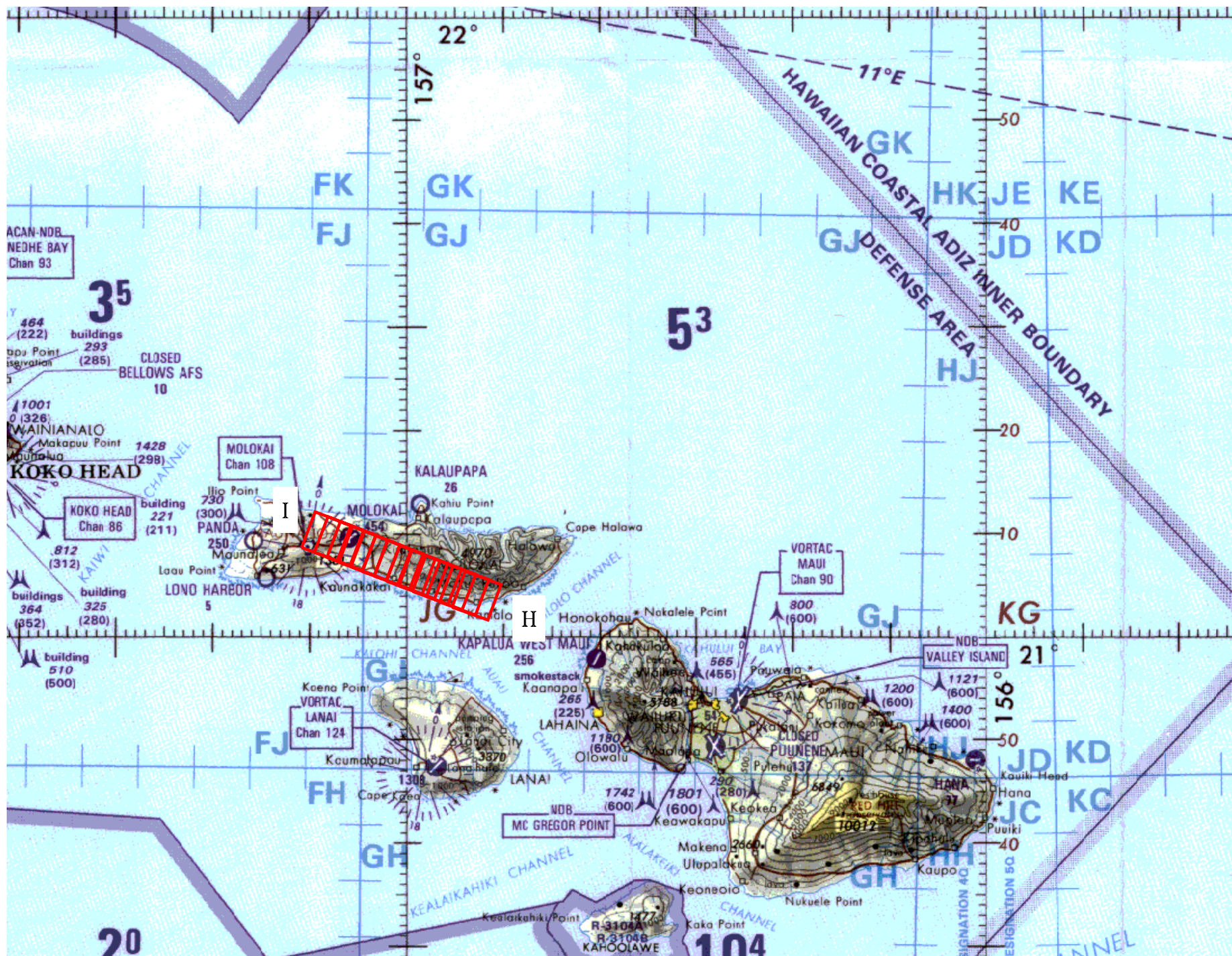


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A/C 809

RC-30



Flight 02-910

26 October 2001

A/C 809

RC-30 / RC-10