

## FLIGHT SUMMARY REPORT

**Flight Number:** 02-904  
**Calendar/Julian Date:** 16 October 2001 • 289  
**Sensor Package:** Wild-Heerbrugg RC-30  
MODIS/ASTER Airborne Simulator (MASTER)  
Airborne Visible/Infrared Imaging Spectrometer  
(AVIRIS)  
**Area(s) Covered:** Big Island of Hawaii  
**Investigator(s):** Asner, University of Colorado **Aircraft #:** 809

### SENSOR DATA

<b>Accession #:</b>	05654	-----	-----
<b>Sensor ID #:</b>	132	124	099
<b>Sensor Type:</b>	RC-30	MASTER	AVIRIS
<b>Focal Length:</b>	12" 303.12 mm	-----	-----
<b>Film Type:</b>	Aerochrome IR SO-134	-----	-----
<b>Filtration:</b>	Wratten 12	-----	-----
<b>Spectral Band:</b>	510-900nm	-----	-----
<b>f Stop:</b>	11	-----	-----
<b>Shutter Speed:</b>	1/300	-----	-----
<b># of Frames:</b>	27	-----	-----
<b>% Overlap:</b>	70%	-----	-----
<b>Quality:</b>	Excellent	-----	-----
<b>Remarks:</b>	Subtract 22 seconds for correct UTC		

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 02-904**

Accession # 05654

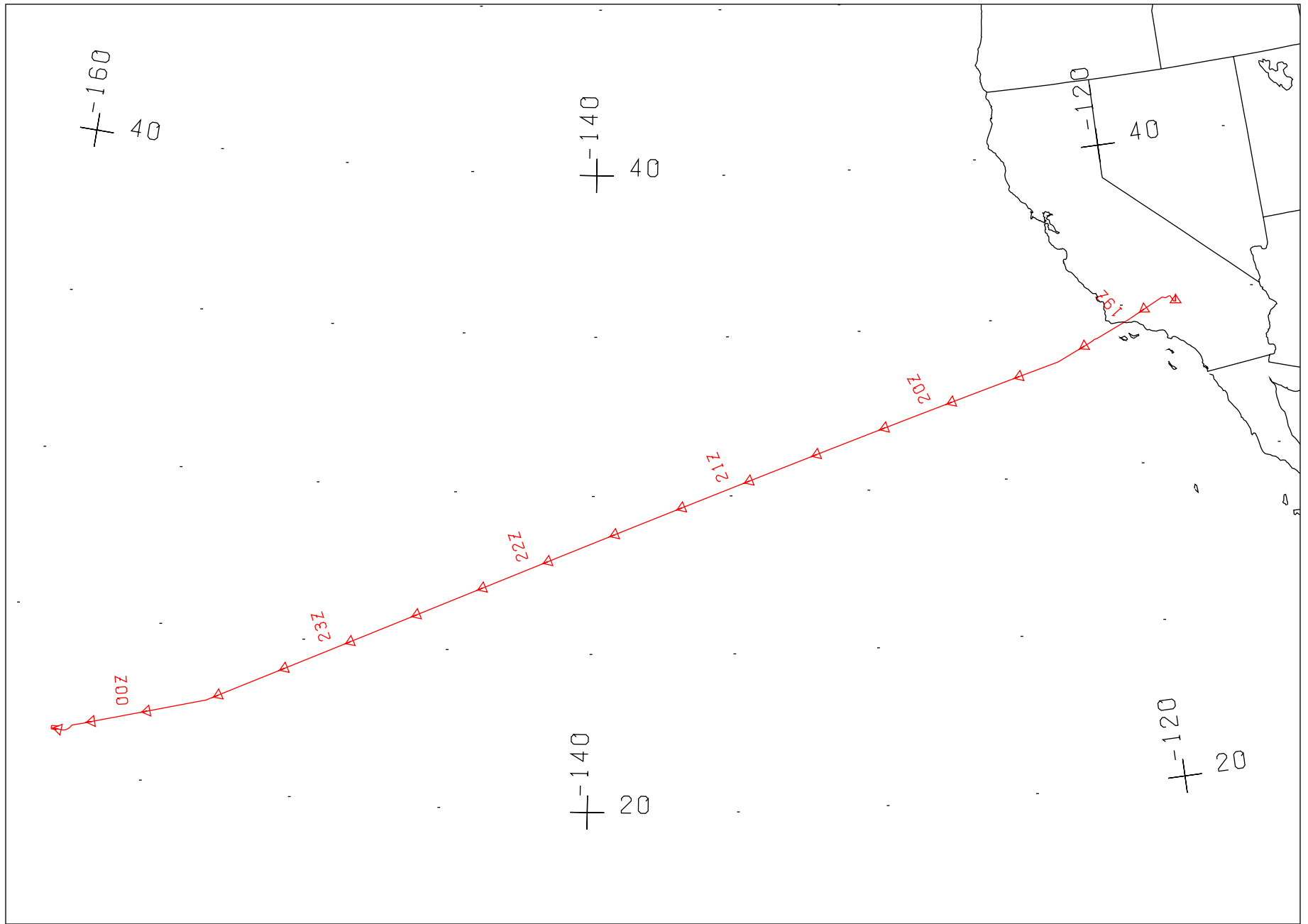
Sensor # 132

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	1317-1327	22:27:23	22:32:04	30000/9150	10-30% cumulus, frames 1317-1324; 80% cumulus, frames 1325-1327; fraames 1326-1327 oblique
C - D	1328-1333	22:50:44	22:53:05	30000/9150	70-90% cumulus; frame 1333 oblique
A - E	1334-1343	22:57:25	23:01:39	30000/9150	10-40% cumulus

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 16 Oct 2001  
 NASA FLIGHT NUMBER 02-904-00

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	20:55:30	20.615	-156.516	21:01:54	20.179	-155.777	2391	135.0	277.4	127.87	13711
2	0	0	1	21:02:33	20.120	-155.722	21:07:08	19.688	-155.512	1718	136.5	277.6	167.09	12911
3	0	0	1	21:08:44	19.571	-155.421	21:12:26	19.385	-155.193	1386	137.8	277.8	140.36	10470
4	0	0	1	21:35:33	19.901	-155.484	21:39:02	19.990	-155.611	1299	144.0	281.9	292.23	10073
5	0	0	1	21:46:02	19.983	-155.651	21:52:46	19.965	-155.911	2524	146.7	283.9	275.05	10058
6	0	0	1	21:56:25	19.781	-155.835	22:05:26	19.373	-154.926	3372	149.5	285.4	137.54	11289
7	0	0	1	22:09:28	19.508	-154.900	22:14:55	19.513	-155.165	2039	152.0	287.6	275.94	8522
8	0	0	1	22:25:25	19.386	-155.149	22:31:10	19.286	-155.348	2154	155.7	291.1	248.70	9138
9	0	0	1	22:34:21	19.185	-155.221	22:37:46	19.355	-155.083	1281	157.4	293.2	31.28	7941
10	0	0	1	22:54:20	19.312	-155.138	23:09:18	19.790	-155.847	5597	162.6	304.3	310.26	11436
11	0	0	1	23:10:30	19.862	-155.923	23:17:39	20.321	-156.335	2672	164.5	312.6	311.27	13723
12	0	0	1	23:17:54	20.335	-156.352	23:28:57	20.849	-157.144	4138	165.6	320.8	300.76	13716
13	0	0	1	23:29:16	20.859	-157.170	23:37:29	20.912	-157.875	3079	166.7	330.1	277.49	13703

NUMBER OF FILES FOR THIS FLIGHT = 13  
 TOTAL NUMBER OF SCAN LINES = 33650  
 DATE THESE FILES WERE PROCESSED = 21-Mar-2002  
 DATE THIS LIST WAS CREATED = Tue Mar 26 17:28:58 PST 2002  
 GRANULE VERSION = 1

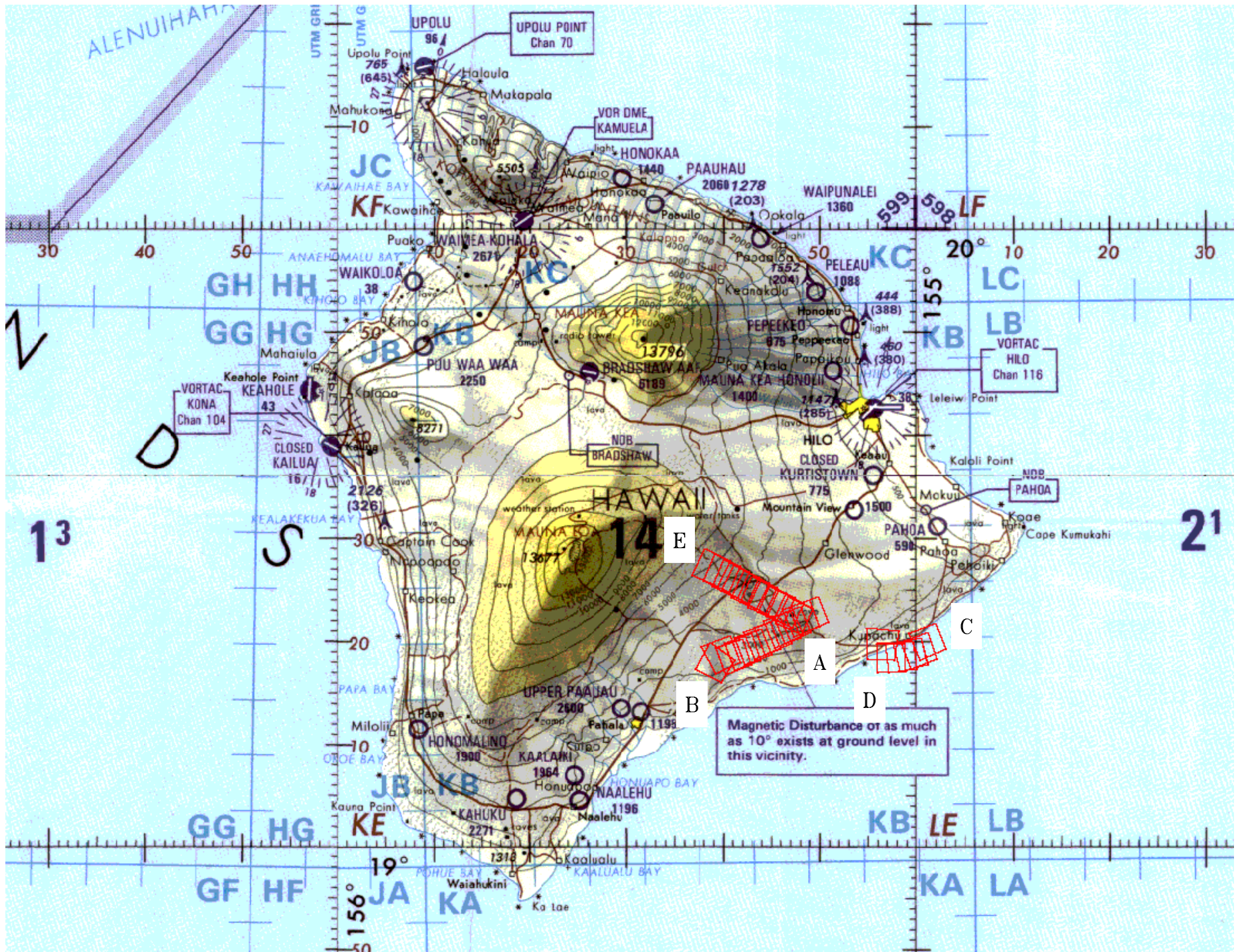


FLIGHT 02-903

15 OCTOBER 2001

A/C 809

RC-30 / RC-10 / MASTER



Flight 02-904

16 October 2001

A/C 809

RC-30