

## FLIGHT SUMMARY REPORT

**Flight Number:** 02-908  
**Calendar/Julian Date:** 24 October 2001 • 297  
**Sensor Package:** Wild-Heerbrugg RC-30  
MODIS/ASTER Airborne Simulator (MASTER)  
Airborne Visible/Infrared Imaging Spectrometer  
(AVIRIS)  
**Area(s) Covered:** Big Island of Hawaii, Kahoolawe  
**Investigator(s):** Asner, U of CO; Goodman, UC Davis    **Aircraft #:** 809

### SENSOR DATA

<b>Accession #:</b>	05657	-----	-----
<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>	1/350	-----	-----
<b># of Frames:</b>	129	-----	-----
<b>% Overlap:</b>	70%	-----	-----
<b>Quality:</b>	Excellent	-----	-----
<b>Remarks:</b>			

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 02-908**

Accession # 05657

Page 2 of 2

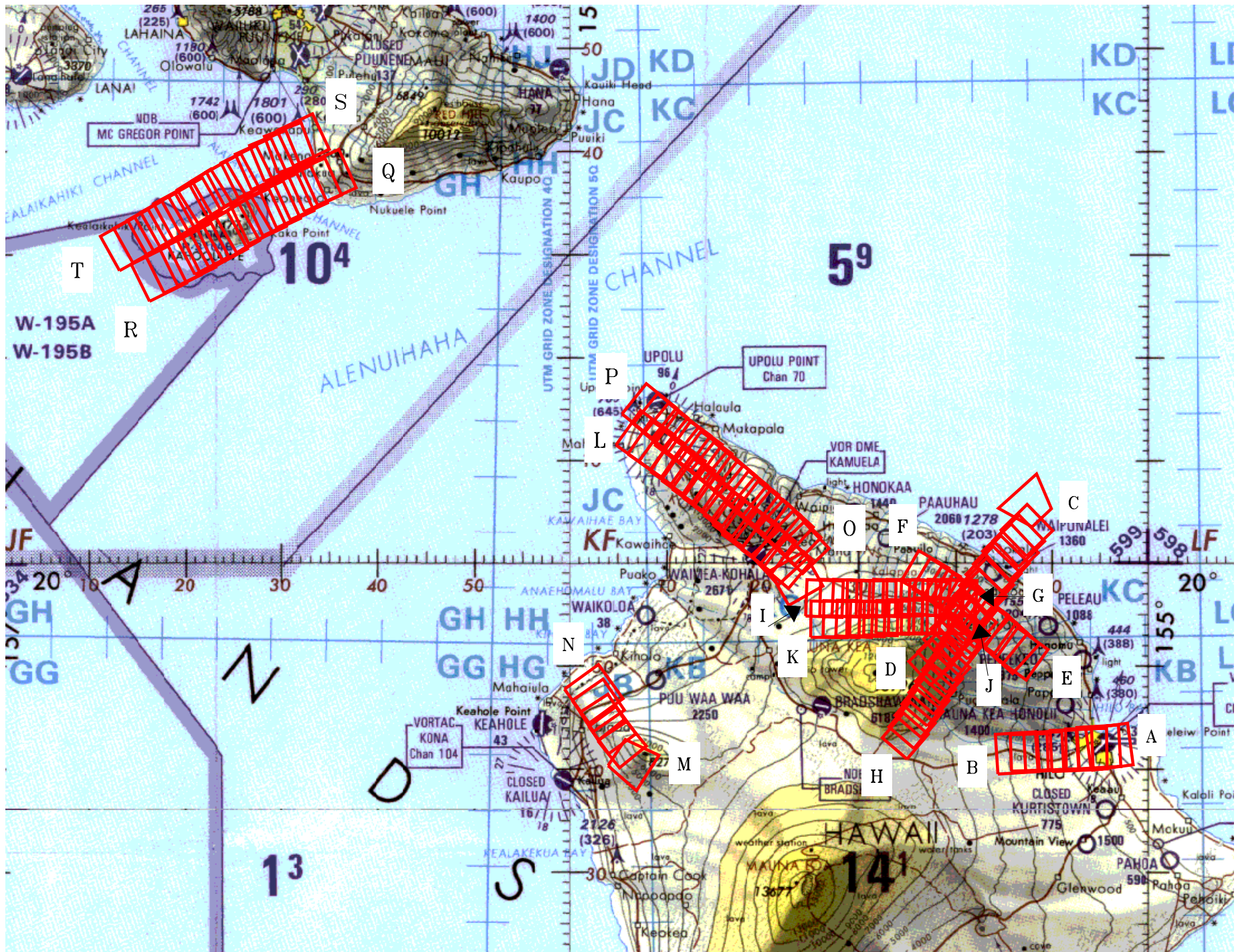
Sensor # 132

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
Q - R	1790-1802	21:14:05	21:19:46	35000/10670	10% cumulus, frames 1790-1761 and 1796; 10-30% cumulus, frames 1797-1802
S - T	1803-1816	21:28:16	21:34:25	35000/10670	Minor-10% cumulus, frames 1803-1812; 20-50% cumulus, frames 1813-1816

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 24 Oct 2001  
 NASA FLIGHT NUMBER 02-908-00

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	18:38:38	0.000	0.000	18:43:45	0.000	0.000	1921	0.0	0.0	0.00	0
2	0	0	1	18:44:59	0.000	0.000	18:51:06	0.000	0.000	2294	0.0	0.0	0.00	0
3	0	0	1	18:51:18	0.000	0.000	18:55:06	0.000	0.000	1425	0.0	0.0	0.00	0
4	0	0	1	18:56:30	0.000	0.000	19:02:03	0.000	0.000	2084	0.0	0.0	0.00	0
5	0	0	1	19:03:42	0.000	0.000	19:09:52	0.000	0.000	2316	0.0	0.0	0.00	0
6	0	0	1	19:22:25	0.000	0.000	19:28:30	0.000	0.000	2284	0.0	0.0	0.00	0
7	0	0	1	19:32:30	0.000	0.000	19:38:32	0.000	0.000	2262	0.0	0.0	0.00	0
8	0	0	1	19:41:49	0.000	0.000	19:49:27	0.000	0.000	2867	0.0	0.0	0.00	0
9	0	0	1	19:55:02	0.000	0.000	20:01:47	0.000	0.000	2534	0.0	0.0	0.00	0
10	0	0	1	20:07:51	0.000	0.000	20:14:56	0.000	0.000	2658	0.0	0.0	0.00	0
11	0	0	1	20:23:15	0.000	0.000	20:25:56	0.000	0.000	1010	0.0	0.0	0.00	0
12	0	0	1	20:31:50	0.000	0.000	20:40:20	0.000	0.000	3189	0.0	0.0	0.00	0
13	0	0	1	20:42:09	0.000	0.000	20:45:14	0.000	0.000	1158	0.0	0.0	0.00	0
14	0	0	1	20:48:16	0.000	0.000	20:57:40	0.000	0.000	3521	0.0	0.0	0.00	0
15	0	0	1	21:02:03	0.000	0.000	21:06:57	0.000	0.000	1838	0.0	0.0	0.00	0
16	0	0	1	21:08:07	0.000	0.000	21:20:00	0.000	0.000	4455	0.0	0.0	0.00	0
17	0	0	1	21:27:01	0.000	0.000	21:34:38	0.000	0.000	2853	0.0	0.0	0.00	0

NUMBER OF FILES FOR THIS FLIGHT = 17  
 TOTAL NUMBER OF SCAN LINES = 40669  
 DATE THESE FILES WERE PROCESSED = 08-Mar-2002  
 DATE THIS LIST WAS CREATED = Mon Mar 11 11:38:00 PST 2002  
 GRANULE VERSION = 1



Flight 02-908

24 October 2001

A/C 809

RC-30