

## CAMEX3 Polarimetric Scanning Radiometer Flight Description Table

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<b>Date/ PSR Flight Code *</b>	<b>Time (UTC)</b>	<b>Location/Event/Objective</b>	<b>Comments</b>
08/13/98 T DF006	19:19- 23:44	Florida mainland & near coast / convection overflights	Linear long-term calibration drift of ~20K over flight duration seen in all channels. Channels 18.7h, 21.5h unusable and 18.7v, 21.5v are questionable. All other channels are mostly noise-free.
08/15/98 T DF007	20:34- 23:08	Florida mainland & near coast / convection overflights	Linear long term calibration drift observed over flight duration. All channels are mostly noise free.
08/20/98 T DF008	16:40- 20:44	Florida mainland & near coast / convection overflights	Linear long term calibration drift is observed over flight duration. All channels are mostly noise free.
08/21/98 C DF009	18:13- 02:19	E. open ocean / Bonnie / synoptic flow at development	Sunglint in 10.7 back image. Channels 18.7v, 21.5v are questionable during early part of flight. All other channels are mostly noise free.
08/23/98 C DF010	18:00- 23:44	~E. of Bahamas / Bonnie / eyewall dynamics at development	Some points are out of range in channels 18.7v, 21.5v. Some maneuvers are excessively noisy in channels 18.7h, 21.5h. All other channels mostly noise free.
08/24/98 C DF011	20:08- 02:54	~E. of Bahamas/ Bonnie / eyewall dynamics at category 3	Early in the flight some maneuvers are noisy in channels 18.7v, 21.5v, and some points are out of range in channels 18.7h, 21.5h. Channel 89v exhibits sporadic noise early in flight. All other channels are mostly noise free.
08/26/98 C DF012	11:22- 18:24	N.C. coast / Bonnie / eyewall dynamics at landfall	Channels 18.7, 21.5 in both polarization are out of range. All other channels are mostly noise free.
08/29/98 C DF013	19:28- 02:19	~E. of Bahamas / Danielle / synoptic flow & eyewall dynamics	Channels at 10.7 (both polarization) show evidence of very large azimuthal anisotropies. Sporadic noise in several maneuvers in channels 18.7h, 21.5h. All other channels are mostly noise free.

<b>Date/ PSR Flight Code *</b>	<b>Time (UTC)</b>	<b>Location/Event/Objective</b>	<b>Comments</b>
08/30/98 C DF014	20:18- 03:32	~E. of Bahamas / Danielle / synoptic flow & eyewall dynamics	Channels 18.7, 21.5 in both polarization reveal sporadic noise. All other channels are mostly noise free.
09/02/98 T DF015	18:32- 23:19	Florida mainland & Gulf of Mexico / Earl / convective rainbands	Channels 18.7v, 21.5v exhibit sporadic noise early in flight, channels 18.7h, 21.5h show large sporadic noise over flight duration. All other channels are mostly noise free.
09/05/98 T DF016	19:21- 23:22	~E. of Florida / developing convection overflights	Channels 18.7, 21.5 show evidence of some sporadic noise early in flight. All other channels are mostly noise free.
09/13/98 S DF017	20:51- 02:20	Andros Island / clear air overflights of Raman lidar	Channels 18.7h, 21.5h show evidence of large sporadic noise. All other channels are mostly noise free. Azimuthal anomaly observed at all channels except 89 GHz
09/14/98 T DF018	19:50- 23:45	Florida mainland & near coast / clear air & convection	All channels are mostly noise free.
09/15/98 T DF019	17:42- 22:05	Florida mainland & near coast / clear air & convection	Several maneuvers are subject to large sporadic noise in channels 18.7, 21.5 in both polarization. All other channels are mostly noise free.
09/17/98 T DF020	18:10- 22:42	Florida mainland & N.E. G. of Mexico / convection	Channels 18.7, 21.5 in both polarization show evidence of large spurious noise. Several maneuvers have registration error.
09/21/98 C DF021	14:28- 21:31	~SE of Puerto Rico / Georges / eyewall dynamics, weakening	At the beginning of flight channels 18.7v, 21.5v exhibit spurious noise. All other channels are mostly noise free.
09/22/98 C DF022	18:50- 01:03	Dominican Republic / Georges / synoptic flow	Some pixels misregistered midway through the flight. Channels 18.7v, 21.5v show evidence of large spurious noise at the beginning of flight. All other channels are mostly noise free.

\*T: TEFLUN-B flight

C: Camex3 flight

S: Water vapor flight