

ACCENT: FIRST DEPLOYMENT		
<i>DATE</i>	<i>FLIGHT TYPE</i>	<i>DETAILS</i>
19990325	ACCENT test flight	No nav data available, PTW data only
19990326	ACCENT test flight	Houston-Brownsville & return Maximum altitude ~62,000 ft ~2.25 hours in duration No forecast data available.
19990407	ACCENT science flight	Houston-Albuquerque-NW Arkansas-Houston Maximum altitude ~62,000 ft ~5.25 hours in duration Attempted PTW calibration maneuvers No nav data recorded, but lat/alt recovered from UMR instrument's GPS.
19990409	ACCENT/RISO rocket flight	Houston-Kennedy & return Attempted plume intercept Maximum altitude ~62,000 ft, ~6.25 hours in duration, attempted PTW calibration maneuvers.
19990412	ACCENT/RISO rocket flight	Houston-Kennedy, evening flight Atlas rocket plume intercept Maximum altitude ~64,000 ft, ~4.25 hours in duration
19990413	ACCENT/RISO return flight:	Kennedy-Houston return maximum altitude ~47,000 ft, ~4 hours duration
19990415	ACCENT/RISO rocket flight	Houston-Vandenberg (land at Edwards) Delta rocket plume intercept Maximum altitude ~63,000 ft, ~5.5 hours in duration
19990416	ACCENT/RISO return flight	Edwards-Houston return Maximum altitude ~46,000 ft. ~4 hours duration
19990422	ACCENT science flight	Houston-near Brownsville & return Minimal payload Maximum altitude ~50,000 ft. ~2.75 hours duration
19990423	ACCENT science flight	Houston-mid Gulf (24N,92W) & return Minimal payload Maximum altitude ~50,000 ft, ~2.25 hours duration (test of convective influence predictions)

ACCENT: SECOND DEPLOYMENT		
<i>DATE</i>	<i>FLIGHT TYPE</i>	<i>DETAILS</i>
19990903	ACCENT-2 test flight	Houston-Topeka & return Maximum altitude ~50,000 ft Maximum sounding encounters for MTP ~4.2 hours duration
19990908	ACCENT-2 test flight	Houston-Topeka & return Maximum altitude ~50,000 ft Maximum sounding encounters for MTP Radio tests ~4.1 hours duration
19990913	ACCENT-2 test flight	East coast survey flight Maximum altitude ~62,000 ft latitude range: 29-33°N longitude range: 80-95°W ~5.3 hours duration
19990915	ACCENT-2 Science Flight	Hurricane Floyd overflight, Maximum altitude ~62,000 ft Latitude range 29-32°N Longitude range 80-95°W ~5 hours duration
19990917	ACCENT-2 Science Flight	Aircraft emissions survey near DFW Maximum altitude ~ 48,000 ft Latitude range 29-34°N Longitude range 95-97°W ~5.1 hours duration PT didn't work, NAV data from the aircraft system provided. Pressures and temperatures may not be very accurate.
19990920	ACCENT-2 Science Flight	Southern survey outbound, Houston-Costa Rica INS and Nav recorder failed 1 hour into the flight. Latitudes were estimated based on interpolation between recorded way points, these are stored in the FT file.
19990921	ACCENT-2 Science Flight	Southern survey return, Costa Rica-Houston Maximum altitude ~50,000 ft Latitude range 10-30°N, Longitude range 82-95°W ~4.7 hours duration
19990922	ACCENT-2 Science flight/RISO test flight	High altitude survey west of Houston Maximum altitude ~60,000 ft Latitude range 28.5-32.5°N Longitude range 95-100°W ~3.6 hours duration

ACCENT: SECOND DEPLOYMENT Continued

<i>DATE</i>	<i>FLIGHT TYPE</i>	<i>DETAILS</i>
19990924	ACCENT/RISO rocket flight	Houston-Vandenberg rocket plume intercept, land at Palmdale Maximum altitude ~52,000 ft Latitude range: 29.5-35N Longitude range: 95-121W ~5.2 hours duration Required engine replacement; end of science flights for mission
19991004	ACCENT/RISO return flight	Palmdale-Houston return. Minimal payload Maximum altitude ~45,000 ft Latitude range: 29.5-35N Longitude range: 95-118W ~3.8 hours duration
19991007	ACCENT-2 test flight	Near Houston test flight Minimal payload Maximum altitude ~49,000 ft Latitude range: 26.5-29.5N Longitude range: 95-97W ~2 hours duration