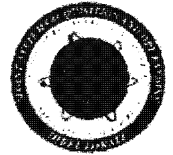





~~SECRET~~



# On-Orbit Status

25X1

					
Mission	M7346	M7347		M7245	
Name	FARRAH-I	FARRAH-II		CARRIE	
Launch	11 May 82	25 JUN 84		13 MAR 94	
Status	Residual	Residual		Operational	
Age	16.5	14.5		4.8	
Altitude	383 nm			300 nm	
Inclination	96 deg			105 deg	
Frequency Coverage	2 - 18 GHz DF (Pulse & CW) Omni (Pulse & CW) Tech Intel (TI)			.1 - .85 GHz COMINT Mapper	
Avg Daily Tasking	120 min	80 min		300 min	
Reports/Day	5667	3190		60 (Day shift)	
% Contribution	9	5			

25X1

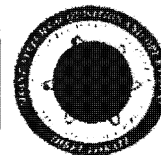
CI By: [redacted] CI Reason: 1.5 (c)  
Decl On: X1 Drv From: NRO SCG 4.0 14 Oct 95

~~SECRET~~  
~~Handle Via BYEMAN Channels Only~~

118005 Nov 98

25X1

SECRET



# Single Point Failures

25X1

Vehicle	Failures
FARRAH I	Data Handler Redundant DCU Payload (Omni, DF, TI) Carrier 6
FARRAH II	Data Handler Payload (Omni, DF, TI)
CARRIE	Attitude Determination & Control Command & Control Subsystem Signal Processor/Recognizer

25X1

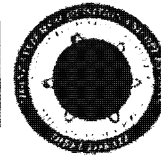
CI By: [redacted] CI Reason: 1.5 (c)  
Decl On: X1 Drv From: NRO SCG 4.0 14 Oct 95

~~SECRET~~  
~~Handle Via BYEMAN Channels Only~~

118005 Nov 98

25X1

~~SECRET~~



**Concern Areas**

25X1

Vehicle	Failures
FARRAH I & II	+/- Y Antenna C1 Antenna Feed Duplexer Switch/PDC Duplexer Payload (Omni/DF/TI)
CARRIE	Batteries Mass Memory

25X1

CI By: [redacted] CI Reason: 1.5 (c)  
Decl On: X1 Drv From: NRO SCG 4.0 14 Oct 95

~~SECRET~~  
~~Handle Via BYEMAN Channels Only~~

118005 Nov 98

25X1

**Page Denied**

25X1

25X1

**Page Denied**