

Scope/Resource/Funding Profile

T&E Series Profile				FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20			
DT&E															
OT&E															
Test Resource				T&E Funding Profile										Assumptions, Caveats, Notes:	
T&E Articles	AFOTEC	Program	Other	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20			
System Under Test	(sub) component, cabinet, computer strings / Radar Prototype		X												
	Ascension Island Radar, and SOC		X												
	Aus Radar, Ascension Island Radar, and SOC		X	X											
Joint Support Assets	JSpOC			X											
	DODIN			X											
	NASIC			X											
	6 radars, 3 Electro-Optical sensors, TBD Laser Ranges	2 radars, Laser R	2 radars, Laser R	X											
	Airborne and on-orbit in-band E/M Receivers		X												
On-Orbit Targets	GPS receivers, calsats, cubesats, spheres, non-symmetrical objects		cubesat and calsat	X											
Threats	Cyber, EMI, other TBD	X	X												
Test Resource Categories				AFOTEC	Program	Other	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Digital Modeling and Simulation	SSA Performance Assessment Tool		X												
Measurement Facility	Developmental Contractor Test Facility		X												
System Integration Laboratory	CONUS Prototype Facility		X												
Other Test Resources				AFOTEC	Program	Other	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
	TDY and Travel to Ascension Island, Eglin (SOC), JSpOC, NASIC, Huntsville, and Aus (FOC)	X	X												
	Fly and/or ship (sea) test equipment to Ascension Island and Aus (FOC)	X	X												
Personnel Resource				AFOTEC	Program	Other	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
	Program Office T&E Support		X		4	8	12	7	9	7	5	4	TBD		
	46 Test Squadron (DT)		X		3.5	4.5	9	9	5	5					
	AFOTEC	X			3	3	3	3	3	5	1	TBD	TBD		
	Joint Interoperability Test Command		X		2	2	2	2	3	3		TBD	TBD		
	92nd Information Operations Squadron (cooperative cyber assessment)	X								3			TBD		
	177th Information Aggressor Squadron (adversarial cyber assessment)	X								3			TBD		
	AFSPC/A9 Analysts (Evaluation, Data reduction)	X							2	2			TBD		
	MIT/LL and MITRE Analysts (Evaluation, Data reduction)		X							3			TBD		
Estimated T&E Funding Levels *				(\$K)	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20		
	DT&E	20,059		2182	2764	2712	3000	3469	3412	2520					
	OT&E	434		29	32	32	32	64	225	20	TBD	TBD			

Approx. \$100k to build and launch cubesat;
Sensors below fill a particular testing need:
USSTRATCOM Dedicated SSA sensors:
o FPS-85 UHF phased array at Eglin AFB.
o Ground Based-Electro-Optical Deep Space Surveillance (GEODDS) 4 40-inch telescopes.
USSTRATCOM Collateral (not dedicated to SSA) sensors:
o Cavalier AFS, North Dakota, PARCS UHF phased array radar
Other agency sensors:
o Haystack, X-band dish radar
o Haystack Auxiliary, Ku-band dish radar
LASER Range are procured through a Central Bureau operated by NASA at the Goddard Space Flight Center

*Note that Funding levels do not reflect the "Other" Test Resource that are provided at no cost to the Program