



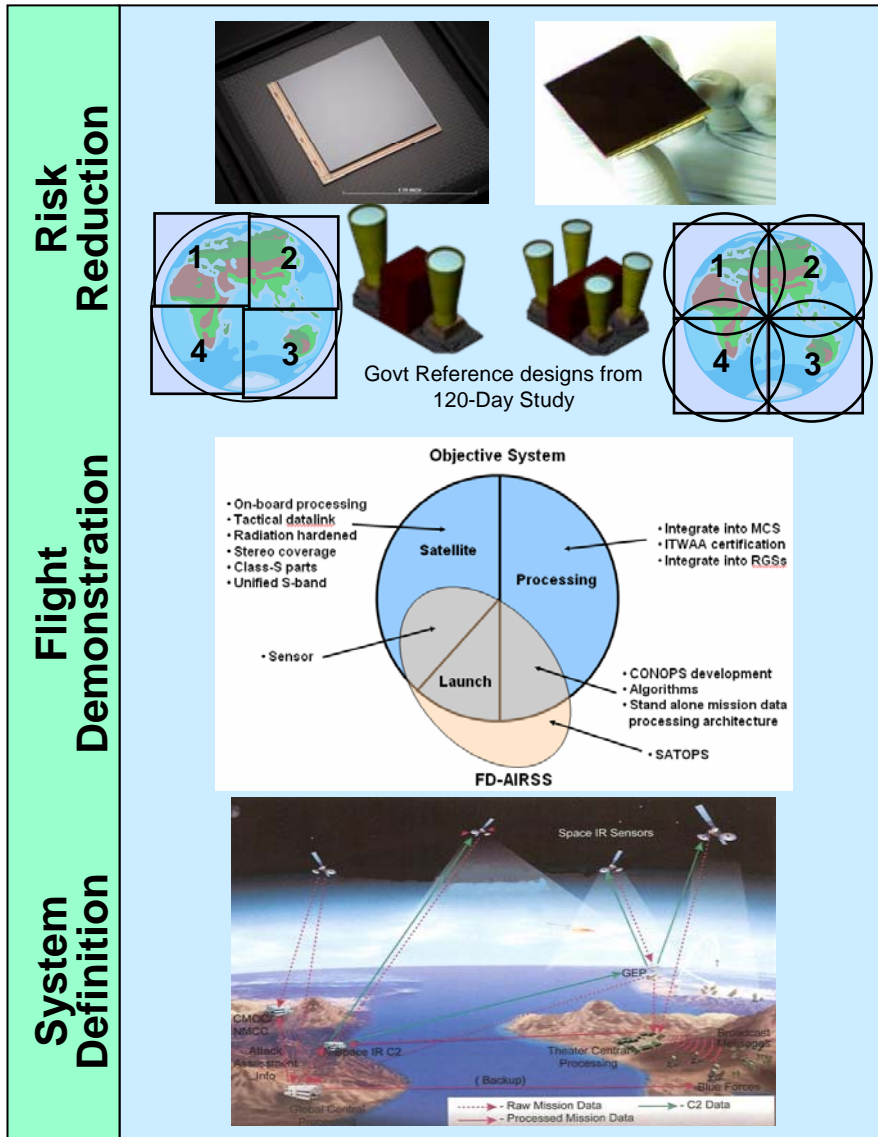
Alternative Infrared Satellite System

Mission:

- Next generation Space Based Infrared (SBIR) system
- “Competitor capability in parallel with the SBIRS program”



Colonel Bob Newberry





Personnel and Staffing

	<u>Organic</u>	<u>Matrixed</u>
Government		
• Active Duty	17	1
• Reservists	1	0
• Civil Service	0	4
Federally Affiliated Organizations		
• Aerospace Corp.	2	10
• USU/SDL	1	0
Contract Support (STE equiv)	<u>3</u>	<u>1.5</u>
Total	24	16.5



Budget

Current Program Baseline:

3600 \$M	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FYDP (FY07-13)
AIRSS Demo Unit	50.7	117.8	104.7	102.1	51.6	40.4	29.0	496.3
Sensor Risk Reduct (BAA)	47.7	34.0	7.9	0.0	0.0	0.0	0.0	89.6
Flight Demonstration	3.0	83.8	96.8	102.1	51.6	40.4	29.0	406.7
Systems Definition (PRDA)	13.8	43.5	0.0	0.0	0.0	0.0	0.0	57.3
System Design	0.0	62.5	239.1	430.4	645.6	669.9	695.5	2743.1
PDR & CDR	0.0	62.5	181.0	250.0	0.0	0.0	0.0	493.6
AIRSS "Alternative"	0.0	0.0	45.0	155.4	438.6	455.2	431.9	1526.1
Ground System	0.0	0.0	13.1	25.0	207.0	208.7	263.6	717.4
FFRDC/SETA	3.5	7.0	10.4	11.0	11.5	12.0	12.5	67.9
TOTAL	68.0	230.9	354.3	543.5	708.7	722.3	737.0	3364.6



Future Business Opportunities

FY07: Flight Demonstration Satellite (FS-AIRSS)

- **Assess performance of Wide Field of View (WFOV) infrared (IR) telescopes in operational environment**
- **Lower cost and risk for objective system development**
- **Enable Concept of Operations (CONOP) experimentation**
- **Request for Proposal due soon**

FY08: Objective system for “Alternative” design

- **Acquisition plan under review**
- **Considering options to migrate to “Advanced” design**



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