

		Meet/Exceed/Not Met
<b>Model</b>	<b>Must be Parrot Anafi USA GOV or equal</b>	
Manufactured	Made in USA, Encryption ready	
Compatibility	Must be the US Military/US Government compatible platform	
Operations	No GPS synchronization required for take-off	
	No built-in No-Fly Zone limitations	
<b>Drone specifications</b>		
Size folded	< 10" x 4.5" x 3.5"	
Size Unfolded	< 12" x 15" X 4"	
Weight	< 3lb	
Ruggedized	IP53 Qualified for water & dust resistance	
MTOM	< 3lb	
Propeller Speed	At least 9,000 rpm	
Transmission Range	At least 2 mile	
Flight Time	At least 30 minutes	
Horizontal Speed	At least 28 mph	
Vertical Speed	At least 7 mph	
Wind Resistance	At least 25 mph	
Service Ceiling	At least 5.000 m above MSL	
Operating Temperature	Minimum of -32°F to 110°F Max	
<b>EO image chain</b>		
Sensors	At least 2: 1/2.4	
Digital Zoom	At least x32	
Electronic shutter speed	Minimum= 1s to 1/10000s	
ISO Range	100-3200	
Video Resolution	Minimum= 4K/FHD/HD	
Video Format	Minimum= MP4 (H264)	
Photo Resoultion	Minimum- Wide: 21MP Minimum- Rectilinear: 16MP	
Photo Formats	Required- JPEG, DNG	
<b>IR image chain</b>		
Sensor	FLIR BOSON	
Resolution	Minimum= 320x256	
Temperature Range	Minimum= -40°C    Maximum= 150°C	
Thermal Sensitivity	<60mk	
Photo Format	JPEG	
Video Format	MP4 (H264)	
Video Recording Resolution	Minimum= 1280x720, 9fps	
Video Recording	Replay, edit & analyze thermal media on the device without downloading.	
<b>Image Stabilization</b>		
3-camera	Minimum= IR/EO stabilized gimbal	
Hybrid	Minimum= 3-axis	
Mechanical	Minimum= 2-axis role/pitch	
Electronics (EIS)	Minimum= 3-axis yaw/role/pitch	
Controlable gimbal tilt range	Minimum= -140° to +110°	

Sensors		
Satelite Navigation	Minimum= GPS, GLONASS & GALILEO	
Barometer & Magnetometer	Required	
Vertical camera & Ultra-sonar	Required	
2 x 6-axis IMU; 2 x 3-axis accelerometers; 2 x 3-axis gyroscopes	Required	
Smart Battery		
Type	Minimum= High Density LiPo (3)	
Capacity	Minimum of 3400 mAh	
Battery Life	Minimum of 30 minutes	
Charging Port	USB-C	
Weight	Maximum of .5 lbs	
Controller		
Type	Skycontroller USA GOV	
Weight	Maximum of .75 lbs	
Transmission system	Minimum of Wi-Fi 802.11 a/b/g/n	
Operating Frequency	2.4 - 5.8 GHz	
Transmission Distance	Minimum of 2 mile	
Video Resolution (live)	Minimum of HD 720p	
Battery Life	Min= 2 hrs (Android) / 5 hrs (iOS)	
Compatible Mobile Devices	Minimum 6" screen size	
USB ports	USB-C (Charge), USB-A (Connection)	
Extra		
Case	Minimum of Hard Case	
Props	At least one additional set of propeller blades	