AIRBORNE RECONNAISSANCE (FIXED WING)

DESCRIPTION	
RESOURCE CATEGORY	Search and Rescue
RESOURCE KIND	Team
OVERALL FUNCTION	
COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
VEHICLE FIXED-WING AIRCRAFT	Same as Type 2	IFR Capable Fixed-Wing Observation Aircraft	Same as Type 4	Fixed-Wing Observation Aircraft	Not Specified
VEHICLE CAPACITY	4-8 passengers with cargo not to exceed design specification of aircraft	Same as Type 3	Same as Type 4	2-4 passenger with cargo not to exceed design specification of aircraft	Not Specified
EQUIPMENT FLIGHT SUIT	Same as Type 2	Same as Type 3	Same as Type 4	Appropriate level of PPE	Not Specified
EQUIPMENT COMMUNICATIONS	Same as Type 2 except: Satellite Phone	Same as Type 3	Same as Type 4 except: VHF Radios	Standard FAA FM Radio	Not Specified
EQUIPMENT VIDEO/ELECTRONIC	Capable of flying back video or still imagery Capable of High Resolution Airborne Video Transmission Desired: FLIR or other infrared capabilities Desired: Capable of supporting Hyperspectral Imaging Requests	Same as Type 3 except: Capable of Low Resolution Airborne Video Transmission Desired: FLIR or other infrared capabilities	Capable of flying back video or still imagery	None	Not Specified
PERSONNEL TRAINING AND RATINGS	Pilot - Commercial (instrument) or higher certificate and complete unit certification program Observer - Complete unit certification program	Pilot - Private Pilot (instrument) or higher certificate and complete unit certification program Observer - Complete unit certification program	Same as Type 4	Pilot - Private Pilot or higher certificate and complete unit certification program Observer - Complete unit certification program	Not Specified
PERSONNEL CREW AVAILABILITY	Aircrew(s) available for extended operations	Aircrew(s) available for 8 to 14 days of operations	Aircrew(s) available for 3 to 7 days of operations	Aircrew(s) available for at least 2 days of operations	Not Specified

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
MANAGEMENT SUPPORT OVERHEAD INCIDENT MANAGEMENT	Full incident command staff capable of managing all phases of air search operations	Incident staff capable of managing air operations branch	Incident staff capable of supporting independent flight release	Unit level flight release; No search management capabilities	Not Specified

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

REFERENCES

FEMA, National Incident Management System (NIMS), October 2017