

## AIRBORNE COMMUNICATIONS RELAY TEAM (FIXED-WING)

DESCRIPTION			
RESOURCE CATEGORY	Incident Management	RESOURCE KIND	Aircraft
OVERALL FUNCTION		COMPOSITION AND ORDERING SPECIFICATIONS	

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	See Note 1; See Note 2		Instrument-rated (IFR) pilot/co-pilot	Non-instrument rated pilot/co-pilot	Instrument-rated (IFR) pilot/co-pilot	Non-instrument rated (VFR) pilot/co-pilot
NOTES: Not Specified						
Equipment	See Note 3		Same as Type IV	Same as Type IV	Capable of operations up to 10,000'	Capable of operations up to 10,000' MSL Carries (provided) airborne repeater (or cross-band repeater) for hands-off communications relay
NOTES: Not Specified						
Aircraft	Fixed-Wing; See Note 4		Same as Type III	No-overcast and clear-above flight conditions	Flight possible through and in overcast conditions	Flight possible through overcast and clear-above conditions
NOTES: Not Specified						

**Superseded**

## COMMENTS

1. Team provides airborne communications relay using fixed-wing platforms to support Federal, State, and local emergency needs. Relays are primarily conducted through aircrews, but can also be accomplished through electronic repeaters carried aboard CAP aircraft. Varying levels of specialized management support and command/control capabilities are included in team structures. Notes: Airborne repeaters and crossband repeaters must be provided by the requesting agency, but team will install. Source: Washington State Civil Air Patrol
2. Note 1: Crew members capable of at least 8 hours of flying per day and 14-hour duty day. Number of certified pilots, equipment operators, and technicians needed to maintain communications platform depending on size and capability of aircraft.
3. Note 2: Trained communicator on board to "in-person" relay communications ("traffic") from sender to receiver on miscellaneous frequencies or channels, including FCC and NTIA controlled frequencies.
4. Note 3: Airborne platform for (voice, data, images) communications relay and airborne repeater traffic. Enables VHF/UHF communications where ground-to-ground contact is impossible.
5. Note 4: Fixed-Wing single-engine or twin-engine aircraft (i.e., Cessna C182, C182RG, C206, TU206). Requires access to fuel supply and fueling points, and routine maintenance facilities and supplies for extended deployments.

## NOTES

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

**Superseded**