



National Transportation Safety Board Aviation Incident Preliminary Report

Location:	Johnson Valley, CA	Incident Number:	DCA20IA081B
Date & Time:	02/06/2020, 1200 PST	Registration:	FA37NAYXP9
Aircraft:	DJI Mavic	Injuries:	1 None
Flight Conducted Under:	Part 107: Small UAS		

On February 6, 2020, about 1200 Pacific standard time (PST) an Airbus AS-350BA helicopter, registration N611TC and a Dai-Jiang Innovations (DJI) Mavic 2 Zoom small unmanned aircraft (sUAS, or drone) registration FA37NAYXP9, collided in flight while both aircraft were filming an off-road truck race near Johnson Valley, California. The helicopter received minor damage to the windscreen, the sUAS was substantially damaged. There were no injuries to the helicopter pilot or camera operator passenger. The helicopter was operated under visual flight rules by Icon Helicopters under the provisions of 14 *Code of Federal Regulations (CFR)* Part 91 and an FAA Certificate of Authorization or Waiver to 14 CFR 91.119(b) and (c). The sUAS was operated by an individual under the provisions of 14 *CFR* Part 107. Day visual meteorological conditions prevailed at the time of the incident.

Aircraft and Owner/Operator Information

Aircraft Make:	DJI	Registration:	FA37NAYXP9
Model/Series:	Mavic 2	Aircraft Category:	Helicopter
Amateur Built:	No		
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DAG, 1930 ft msl	Observation Time:	1150 PST
Distance from Accident Site:	25 Nautical Miles	Temperature/Dew Point:	18° C / -7° C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	10 knots / , 290°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	30.1 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Johnson Valley, CA	Destination:	Johnson Valley, CA

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	William R English
Additional Participating Persons:	
Note:	The NTSB did not travel to the scene of this incident.