



Aviation Investigation Preliminary Report

Location:	Taylor, AZ	Accident Number:	WPR24FA052
Date & Time:	December 6, 2023, 07:44 Local	Registration:	N449RA
Aircraft:	REMOS AIRCRAFT GmbH Remos GX	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General aviation - Personal		

On December 6, 2023, about 0744 mountain standard time, a Remos Aircraft GMBH Remos GX, N449RA, was substantially damaged when it was involved in an accident near Taylor, Arizona. The pilot received serious injuries. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

According to the pilot’s family, the flight was to depart in the morning from Taylor Municipal Airport (TYL), Taylor, Arizona, with a destination of Glendale Municipal Airport (GEU), Glendale, Arizona. The TYL airport manager reported that when he arrived at the airport that morning, he saw the airplane on the parking ramp with the engine running. The airplane’s windshield was partly covered with frost as it began to taxi in the parking ramp area. He thought that the pilot may have been taxiing into the sun to melt the frost that had covered the airplane. He further reported that it is quite common that the airplanes are moved on the ramp in the morning to melt the frost before flight. The airport manager went inside to his office and shortly after received a call on the radio from an airplane flying over the airport that an airplane had crashed on the runway.

The postaccident examination of the accident site revealed that the airplane impacted near the centerline of the runway about midfield in an inverted, nose down attitude, then came to rest inverted on the left side of the runway. A photo of the accident site minutes after the accident revealed that the upper surfaces of the horizontal stabilizers was covered in frost.



Figure 1-Accident site, aircraft empennage and frost covering the upper surfaces of the horizontal stabilizer. (Courtesy of the Airport Manager)

The airplane was recovered to a secured facility for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	REMOS AIRCRAFT GmbH	Registration:	N449RA
Model/Series:	Remos GX	Aircraft Category:	Airplane
Amateur Built:			
Operator:	Daniel P. Snyder	Operating Certificate(s) Held:	None
Operator Designator Code:			

Meteorological Information and Flight Plan

Conditions at Accident Site:	VMC	Condition of Light:	Day
Observation Facility, Elevation:	KSOW, 6411 ft msl	Observation Time:	07:35 Local
Distance from Accident Site:	12 Nautical Miles	Temperature/Dew Point:	-2°C /-5°C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	/ ,
Lowest Ceiling:	None	Visibility:	10 miles
Altimeter Setting:	30.38 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Taylor, AZ	Destination:	Glendale, AZ (GEU)

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Serious	Latitude, Longitude:	34.452337,-110.11532

Administrative Information

Investigator In Charge (IIC):	Swick, Andrew
Additional Participating Persons:	Brian Mehrtens; Federal Aviation Administration; Scottsdale, AZ Jordan Paskevich; Rotax-Rotech Flight Safety
Investigation Class:	Class 3
Note:	