



# Aviation Investigation Final Report

<b>Location:</b>	Bethel, Alaska	<b>Accident Number:</b>	GAA19CA239
<b>Date &amp; Time:</b>	May 1, 2019, 20:18 Local	<b>Registration:</b>	N524AV
<b>Aircraft:</b>	Gippsland GA8	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Ground collision	<b>Injuries:</b>	7 None
<b>Flight Conducted Under:</b>	Part 135: Air taxi & commuter - Scheduled		

## Analysis

The pilot reported that, while taxiing to the tie-down area after landing, during a "tight" right turn, the airplane's left wingtip struck a shipping container.

The airplane sustained substantial damage to the left-wing spar.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain adequate clearance from a shipping container while taxiing.

## Findings

<b>Personnel issues</b>	Monitoring environment - Pilot
<b>Environmental issues</b>	(general) - Effect on operation

## Factual Information

### History of Flight

Taxi-from runway	Collision with terr/obj (non-CFIT)
Taxi-from runway	Ground collision (Defining event)

### Pilot Information

Certificate:	Commercial; Flight instructor	Age:	24,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	April 11, 2019
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	February 27, 2019
Flight Time:	(Estimated) 783 hours (Total, all aircraft), 129 hours (Total, this make and model), 733 hours (Pilot In Command, all aircraft), 123 hours (Last 90 days, all aircraft), 63 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Gippsland	Registration:	N524AV
Model/Series:	GA8 Undesignat	Aircraft Category:	Airplane
Year of Manufacture:	2015	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	GA8-15-214
Landing Gear Type:	Tricycle	Seats:	7
Date/Type of Last Inspection:	April 15, 2019 AAIP	Certified Max Gross Wt.:	4000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4437 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	C126 installed, not activated	Engine Model/Series:	IO-540-K1A5
Registered Owner:		Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	On-demand air taxi (135)

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	PABE, 102 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	03:53 Local	<b>Direction from Accident Site:</b>	32°
<b>Lowest Cloud Condition:</b>		<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Overcast / 3900 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	150°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	29.94 inches Hg	<b>Temperature/Dew Point:</b>	9°C / 5°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Tuntutuliak, AK (A61 )	<b>Type of Flight Plan Filed:</b>	Company VFR
<b>Destination:</b>	Bethel, AK (BET )	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>		<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	Bethel BET	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	128 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>		<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	6 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	7 None	<b>Latitude, Longitude:</b>	60.77861,-161.837219(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Nepomuceno, Eleazar
<b>Additional Participating Persons:</b>	Hugh Youngers; FAA; Anchorage, AK
<b>Original Publish Date:</b>	March 3, 2020
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=99361">https://data.nts.gov/Docket?ProjectID=99361</a>

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