



## Informe Preliminar

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### Datos del Suceso

<b>File number</b>	13695767/23	
<b>Occurrence class</b>	<b>Accident</b>	
<b>Occurrence category</b>	<i>LALT: Low altitude operations</i> <i>SCF-PP: powerplant failure or malfunction</i>	
<b>Occurrence status</b>	<i>Preliminary</i>	
<b>UTC date/time</b>	5/2/2023	13:30
<b>State/area of occ</b>	<i>South America</i> <i>Argentina</i>	
<b>Location name</b>	<i>Zona Rural, Buena Esperanza, Córdoba</i>	
<b>Latitude of occ</b>	<i>34:35:20 South</i>	
<b>Longitude of occ</b>	<i>65:02:18 West</i>	

### Reseña del Vuelo

*En un vuelo de trabajo aéreo (aplicación aérea), durante una maniobra, la aeronave impactó contra un mástil, lo que provocó la detención del motor y su posterior aterrizaje en un campo.*

### Información del Vuelo

<b>Last departure point</b>	<i>Argentina (LAD 2853 San Andrés)</i>
<b>Planned destination</b>	<i>Argentina (LAD 2853 San Andrés)</i>
<b>Duration of flight</b>	<i>1,5 Hour(s)</i>
<b>Call sign</b>	<i>LV-HIK</i>
<b>Flight phase</b>	<i>Manoeuvring</i>



### Lesiones al Personal

	Fatal	Serious	Minor	None	Unknown	Total
Total on ground	0	0	0	0	0	0
Total on aircraft	0	0	0	1	0	1
Grand total	0	0	0	1	0	1

### Información de la Aeronave

<b>Aircraft registration</b>	<i>LV-HIK</i>
<b>State of registry</b>	<i>Argentina</i>
<b>Aircraft damage</b>	<i>Substantial</i>
<b>Manufacturer/model</b>	<i>THRUSH S2R H80</i>
<b>Aircraft category</b>	<i>Fixed Wing Aeroplane Small Aeroplane Small Aeroplane</i>
<b>Year built</b>	
<b>Serial number</b>	<i>H80-201</i>
<b>Maximum t/o mass</b>	<i>4763 kg</i>
<b>Mass group</b>	<i>2 251 to 5 700 kg</i>
<b>Total cycles a/c</b>	
<b>Aircraft total time</b>	<i>1536 Hour(s)</i>
<b>Maintenance docs</b>	<i>Current</i>
<b>Airworthiness cert.</b>	<i>Valid</i>

### Información del Motor

<b>Engine position</b>	<i>1</i>
<b>Manufacturer/model</b>	<i>GENERAL ELECTRIC USA (H80-100)</i>
<b>Engine serial number</b>	<i>164017</i>
<b>Time since new</b>	<i>1536 Hour(s)</i>



#### Engine cycles

Time since overhaul

Cycles since overhaul

Time since inspection 154 Hour(s)

#### Información de la Hélice

Prop position 1

Make of propeller HARTZELL PROPELLER INC.

Propeller model HC-B4TW-3/T10282N

Prop serial QVA160

Time since new

Time since overhaul

Time since inspection

#### Información sobre el Personal

<b>Age</b>	33 Year(s)	<b>Gender</b>	Male
<b>Category</b>	Pilot-in-command		
<b>License type</b>	Aeroplane pilot Other		
<b>License issued by</b>	State of Registry		
<b>Ratings</b>	Held required rating		
<b>Experience all a/c</b>	1391 Hour(s)	<b>Experience this a/c</b>	500 Hour(s)
<b>Experience all-90 days</b>	72 Hour(s)	<b>Experience on a/c-90 da</b>	72 Hour(s)
<b>Experience all-24 hours</b>	3 Hour(s)	<b>Experience on a/c-24 ho</b>	3 Hour(s)



### Información Meteorológica

<b>Weather relevant</b>	<i>No</i>
<b>Weather conditions</b>	<i>VMC</i>
<b>Visibility</b>	<i>9999 m</i>
<b>Light conditions</b>	<i>Daylight</i>
<b>Wind description</b>	<i>Calm</i>
<b>Wind direction</b>	
<b>Wind speed</b>	
<b>Speed measured at</b>	
<b>Wind gusts</b>	

### Información sobre el Lugar del Suceso

<b>Wreckage location</b>	<i>Off aerodr &gt; 10 km</i>
<b>Terrain type</b>	<i>Level/flat</i>
<b>Elevation terrain</b>	<i>977 ft</i>
<b>Surface type</b>	<i>Crops/cultivated field</i>
<b>Length wreckage trail</b>	<i>41 m</i>
<b>Rwy exit at</b>	
<b>Dist to exit</b>	

### Información sobre los Restos de la Aeronave y el Impacto

<b>Speed at impact</b>	
<b>Speed level</b>	
<b>Impact angle</b>	<i>Low</i>
<b>Pitch attitude</b>	
<b>Roll attitude</b>	<i>Wings level</i>



### Supervivencia

<b>Survivability</b>	<i>Yes</i>
<b>Locating method</b>	<i>Other</i>
<b>ELB-A, ELT status</b>	<i>Not carried</i>
<b>Pilot restraint system</b>	<i>Upper body restraint used</i>
<b>Co-pilot restraint system</b>	
<b>Escape time</b>	

### Información sobre el Operador

<b>Operation type</b>	<i>Specialised Operations (Aerial Work) Agricultural</i>
<b>Schedule type</b>	<i>Non-scheduled</i>
<b>Operator</b>	<i>Argentina Private Operator (Pro-de-man S.A.)</i>
<b>Operator type</b>	<i>Private owner</i>

### Líneas de Investigación

<b>Descr factor subject</b>	<i>Aircraft and operations Aircraft operation</i>
<b>Factors justification</b>	