



Informe Provisional

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Datos del Suceso

File number	04167965/20		
Occurrence class	Serious incident		
Occurrence category	SCF-PP: powerplant failure or malfunction		
Occurrence status	Factual		
UTC date/time	19/1/2020	22:40	
State/area of occ	South America Argentina		
Location name	Mar del Plata - Provincia de Buenos Aires		
Latitude of occ	37:56:03 South		
Longitude of occ	57:34:24 West		

Reseña del Vuelo

En un vuelo de aviación comercial regular, durante la fase de ascenso inicial, la aeronave tuvo una falla en el motor N° 1. La tripulación se declaró en emergencia y regresaron al aeropuerto de salida. El aterrizaje se realizó con un solo motor, y sin inconvenientes.

Información del Vuelo

Last departure point	Argentina SAZM (MDQ) : Mar Del Plata, Ba
Planned destination	Argentina SAEZ (EZE) : Buenos Aires, Ministro Pistarini (Ezeiza) , Ba
Duration of flight	0,5 Hour(s)
Call sign	LV-CKZ
Flight phase	Take-off



Lesiones al Personal

	Fatal	Serious	Minor	None	Unknown	Total
Total on ground						
Total on aircraft				104		104
Grand total						

Información de la Aeronave

Aircraft registration	LV-CKZ
State of registry	Argentina
Aircraft damage	Substantial
Manufacturer/model	EMBRAER ERJ190
Aircraft category	Fixed Wing Aeroplane Large Aeroplane Large Aeroplane
Year built	2011
Serial number	19000439
Maximum t/o mass	51800 kg
Mass group	27 001 to 272 000 kg
Total cycles a/c	16434
Aircraft total time	22711 Hour(s)
Maintenance docs	Current
Airworthiness cert.	Valid

Información del Motor

Engine position	1
Manufacturer/model	GENERAL ELECTRIC USA CF34-10 Series (CF34-10E5A1)
Engine serial number	424599
Time since new	16402 Hour(s)
Engine cycles	12048
Time since overhaul	



Cycles since overhaul

Time since inspection

Información del Motor

Engine position	2
Manufacturer/model	GENERAL ELECTRIC USA CF34-10 Series (CF34-10E5A1)
Engine serial number	424206
Time since new	18623 Hour(s)
Engine cycles	13607
Time since overhaul	
Cycles since overhaul	
Time since inspection	

Información sobre el Personal

Age	58 Year(s)	Gender	Male
Category	Pilot-in-command		
License type	Aeroplane pilot Airline transport pilot		
License issued by	State of Registry		
Ratings	Held required rating		
Experience all a/c	11000 Hour(s)	Experience this a/c	
Experience all-90 days	100 Hour(s)	Experience on a/c-90 d	100 Hour(s)
Experience all-24 hours	4 Hour(s)	Experience on a/c-24 h	4 Hour(s)

Información sobre el Personal

Age	52 Year(s)	Gender	Male
Category	Co-pilot		
License type	Aeroplane pilot Airline transport pilot		
License issued by	State of Registry		



Ratings	<i>Held required rating</i>		
Experience all a/c	<i>10000 Hour(s)</i>	Experience this a/c	<i>2000 Hour(s)</i>
Experience all-90 days	<i>171 Hour(s)</i>	Experience on a/c-90 d	<i>171 Hour(s)</i>
Experience all-24 hours	<i>4 Hour(s)</i>	Experience on a/c-24 h	<i>4 Hour(s)</i>

Información Meteorológica

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

Información sobre el Operador

Operation type	<i>Commercial Air Transport Passenger Airline</i>
Schedule type	<i>Scheduled</i>
Operator	<i>Argentina Austral Lineas Aereas</i>
Operator type	<i>Private owner</i>

Estado de la Investigación

Investigation Progress	<i>La investigación se encuentra en la etapa final del proceso de análisis.</i>
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**Corrective Actions /
Safety
Recommendations**

El fabricante de los motores emitió un boletín de servicio (S/B) 72-0375 "High Pressure Turbine Rotor Assembly (72-52-00) - HPT Stage 1 Blade Underplatform Liberation Correction Plan". Dicho boletín proporciona las condiciones e intervalos de inspección y o reemplazo de los componentes afectados, el mismo es de carácter optativo y no mandatorio.