

Flight Analysis Report

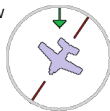


Aircraft	: Learjet 45	Airline	:
Tail Number	: CJV	Flight Number	:
Airport ICAO Departure	: LGAV - Eleftherios Venizelos	Airport ICAO Destination	: LGAV - Eleftherios Venizelos Int
Date and Time	: 2020-10-16 - 19:57	Distance Destination Airport	: 0 Nm. 0 Km.
FS Date and Time	: 2020-10-15 - 12:48	Cruise Altitude Flightplan	: 1,000 Ft. 305 M.
Loaded Flight	: LGAV at RW test no plan		
Loaded Flightplan	: Athens-LGAV -- Athens-LGAV - IFR 0Nm 2000Ft (FsQC).PLN		

Departure

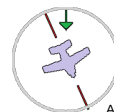
TaxiOut at	: 12 : 08
Wind at Runway	: 000° 0 Knt. 18 °C
Flaps at Takeoff	: 8°
Takeoff Thrust Set at	: 12 : 08 : 52 Thrust : 80 %
Start Rolling at	: 12 : 08 : 52 Runway : 21R
Airborn at	: 12 : 08 : 56 - 141 Knt. 261 km.
Takeoff Weight	: 18,151 lbs. 8,233 kg.
Takeoff Roll	: 682 M. 2,239 Ft.
Landing Gear Up at	: 3 Ft. - 183 Knt.
Flaps Up at	: 1,125 Ft. - 209 Knt.
Autopilot On at	:
Auto Spd Hold On at	:

Wind at RW



Climb, Cruise & Descent

Cruise Alt and Course	: 2,000 Ft. - 177° - 357°
Avg. Wind at Cruise	: 360° - 000 Knt.
Avg. Track at Cruise	: 156° Hdg - 156° Trk
Climb Duration	: 1 Min.
Cruise Duration	: 7 Min.
Descent Duration	: 31 Min.
Avg. Gsp at Climb	: 123 Knt. 228 Km.
Avg. Gsp at Cruise	: 239 Knt. 443 Km.
Avg. Gsp at Descent	: 194 Knt. 359 Km.
Cruise Alt Reached at	: 12 : 09 - 2 Nm. 15 °C
Start Descent at	: 12 : 16 - 9 Nm. 15 °C
Leveling at	: 2,000 Ft. - 6 Nm.



Avg. wind at cruise

Approach

Flaps 1	: 40° at: 857 Ft. 130 Knt.
Flaps 2	:
Flaps 3	:
Flaps 4	:
Auto Pilot Off at	: ---
Auto Speed Hold Off at	: ---
Landing Gear Down at	: 1,680 Ft. - 198 Knt.
At 10,000 Ft	: 0 Knt. Vs : 0 Ft/m
At 5,000 Ft	: 0 Knt. Vs : 0 Ft/m
At 2,500 Ft	: 0 Knt. Vs : 0 Ft/m
At 1,000 Ft	: 140 Knt. Vs : -665 Ft/m

Hdg :	Crs :	Wind :	Distance to TD :
033°	033°	000° 0 Knt.	7 Nm.
000°	000°	000° 0 Knt.	0 Nm.
000°	000°	000° 0 Knt.	0 Nm.
000°	000°	000° 0 Knt.	0 Nm.
212°	213°	000° 0 Knt.	3 Nm.

Landing

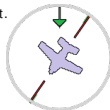
Flaps	: 40°
At 500 Ft	: 127 Knt. Vs : -701 Ft/m
At 300 Ft	: 122 Knt. Vs : -386 Ft/m
At 100 Ft	: 118 Knt. Vs : -927 Ft/m
At 50 Ft	: 117 Knt. Vs : -872 Ft/m
Idle at	: 109 Knt. - 4 Ft.
Landing Speed	: 108 Knt. 200 Km. IAS

Hdg :	Crs :	Wind :	Distance to TD :
214°	214°	000° 0 Knt.	1.66 Nm.
212°	212°	000° 0 Knt.	1.05 Nm.
213°	214°	000° 0 Knt.	0.41 Nm.
214°	215°	000° 0 Knt.	0.28 Nm.
214°	213°	000° 0 Knt.	0.04 Nm.
215°	212°	000° 0 Knt.	

On The Runway

Vertical Speed at TD	: -178 Ft/m
G-force at TD	: 1.27 G
Pitch at TD	: 8.5°
Bank and Gear at TD	: 1.7° - Left Gear First
Bouncing at TD	: No
Landing Weight	: 17,523 lbs. 7,948 kg.
Reverser Set at	: 106 Knt. - 109 Knt. GS - 100%
Reverser Cancelled at	: 106 Knt. - 109 Knt. GS
Spoilers Armed	: No
Spoilers Deployed at	: No
Flaps	: 40°
Toe Brakes at	: 0 Knt. GS.
Landing Roll	: 885 M. 2,905 Ft.
Flaps Up at	: Not Retracted 39°
Spoilers Retracted at	: Spoilers not Deployed
Taxi In at	: 12 : 47

Wind at 50 Ft.



Fuel Consumption

Taxi Out	:	0 Gal.	in:	0 Min.	0.0 Nm.
Climb	:	5 Gal.	in:	1 Min.	1 Nm.
Cruise	:	15 Gal.	in:	7 Min.	27 Nm.
Descent	:	74 Gal.	in:	31 Min.	98 Nm.
Taxi In	:	3 Gal.	in:	1 Min.	0.2 Nm.
TOTAL	:	97 Gal.	in:	40 Min.	126 Nm.
Remaining	:	545 Gal.	and	226 Min.	730 Nm.

Forces & Controls

Max. Bank	: 27.2° at: 2,025 Ft. 234 Knt.
Max. Pitch Up	: 13.6° Max. Vs : 4,077 Ft/m.
Max. Pitch Dn	: 2.7° Min. Vs : -1,965 Ft/m.
Max. AOA	: 7.9 - 125 Knt. - AGL: 883 Ft.
Max. G-Force	: 2.16 G - 5.09 Nm. from Takeoff.
IAS: 152 VS:	-1472 Pt: -0.4° Bk: 0° AGL: 1073 Ft
Min. G-Force	: 0.46 G - 1.79 Nm. from Takeoff.
IAS: 206 VS:	2267 Pt: 6.7° Bk: 3.4° AGL: 1447 Ft

Schedule

Departed	: 12 : 08	At the Gate	: 12 : 48
ETA at Departure	: 12 : 22	Landed	: 12 : 47
ETE at Departure	: 00 : 14	Flight Duration	: 00 : 39

Overspeed	: No
Stall	: No
Landing Attempts	: 4

Black Thrust line	— :	Auto Speed on		Pink Arrow :	Course
Dark Blue IAS line	— :	Overspeed		arrow up =	North
Dark Red Altitude line	— :	Auto Pilot On			
Blue Wind line	— :	0 to 40 Knots		Green Arrow :	Wind
Green G-Force line	— :	1 to 3 G		arrow to left =	Head
Blue AOA line	— :	1 to 10, Red is Stall			
Bank & Rudder line	— :	0° to 45°, 0 to Maximum, Rudder Dark: GearUp			
Flap & Spoiler line	— :	0° to 40°, 0 to Fully Deployed, Green Armed			
Pink Color Areas	— :	Above Speed Limit, QNH false Above FL 180			
Magenta Temperature line	— :	In C°			
Blue Visibility line	— :	Below 6 Nm. Light Blue			



Aircraft	: Learjet 45	
Airport Departure	: LGAV - Eleftherios Venizelos Intl, Athens, Greece	18°C 64°F
Airport Destination	: LGAV - Eleftherios Venizelos Intl, Athens, Greece	18°C 64°F
RW Id, Length and Elevation	: 21R - Heading 214° - 12,461 Ft. 3,798 M. - 308 Ft. 94 M.	
Glideslope	: 3.00° - ILS Freq: 110.50 - ILS Id: IEVR	

Vertical speed at touchdown	: -178 Ft/m
Pitch at touchdown	: 8.5°
G-force at touchdown	: 1.27 G
Speed at landing	: 108 Knt. 200 Km. IAS - 111 Knt. 206 Km. GSP
Bouncing	: No
Landing roll	: 885 M. 2,905 Ft.
QNH at reaching cruise ALT	: Correct: 1013 (inHg: 29.91)
QNH at touchdown	: Correct: 1013 (inHg: 29.91)
Landing attempts	: 4 - Touch&Go : 2 - Missed Approach : 2
Minimal Visibility at 500 Ft.	: 40 Km. 22 Nm. - Temperature: 17°C 62°F
Estimated Flown distance	: 233 Km. 126 Nm. - Distance in Flightplan : 0 Km. - 0 Nm.
Total Fuel Consumption	: 97 Gal. - 367 Liter - 647 Lbs - 295 Kilo
Maximum IAS Below 10.000 Ft.	: 257 Knt. - Maximum GSP Reached : 268 Knt. - 496 Km.

Failure Occurrences

Fuel leak	: NO
Gear	: NO
Flaps	: NO
Engine	: No
Heading	: NO
Altimeter	: NO
Verticalspeed	: NO
Attitude	: NO
Airspeed	: NO
Pitot	: NO

Overall Flight Chart

