

L410 UVP-E20

S/N 3317 · 2022



Manufactured

2022

Cabin

19 passenger seats

Hours on 25 July 2022

21 FH

Engines

GE H80-200

The supplied hours are dated 25 July 2022. Current utilisation, maintenance records, delivery configuration and availability are confirmed with Patrik.

L 410 UVP-E20 S/N 3317



AIRCRAFT		
Model and Type	L 410 UVP-E20	
Version	Passenger (19 seats)	
Serial number	3317	
Manufacturer	Aircraft Industries (Czech Republic), 2022.	
Type certificate №	EASA.A.026	
AIRFRAME		
Total Airframe Hours Since New	21 Flight Hours (25.07.2022)	
ENGINES		
Model and Type	GE H80-200	
Approved Engine TBO	3600 FH / 6600 Cycles	
	Left Engines	Right Engines
Serial number	202 001	202 014
Hours Since New	21 FH	21 FH
PROPELLERS		
Model and Type	AV 725-1	
Approved Propeller TBO	3600 FH	
	Left propeller	Right propeller
Serial number	200 042	200 043
Hours Since New	21 FH	21 FH



AIRCRAFT STANDARD TECHNICAL SPECIFICATION

BASIC TECHNICAL AND OPERATIONAL DATA

MODIFICATION:	L 410 UVP—E20, S/N 3317 Specification complies with the Type Certificate EASA.A.026
YEAR OF PRODUCTION:	2022
SERIAL NUMBER:	to be specified upon delivery
TTSN:	up to 35 FH
TLSN:	up to 40 landings
BAGGAGE COMPARTMENT:	Front baggage compartment accessible from the outside.
PASSENGER COMPARTMENT:	19 removable passenger seats with headrests, fabric seat upholstery, ultra-leather side and cell panel upholstery
MAINTENANCE SCHEDULE:	on condition
PAINTING:	Client's paint scheme, external markings in English/Russian
COCKPIT LABELLING:	English
PASSENGER CABIN LABELLING:	English/Russian
TOILET:	VIP chemical toilet
OTHER EQUIPMENT:	Oxygen equipment Avox (i.e. one bottle for each pilot plus two portable bottles for passengers), Hawker main batteries Movable bulkhead Wing tip tanks

POWER PLANT:

GE H80-200 ENGINES (TBO 3 600 FH / 6 600 cycles):

Take-off rating-shaft output (ISA, H = 0, v = 0)	597 kW	800 SHP
Maximum continuous rating-shaft output (ISA, H = 0, v = 0)	522 kW	700 SHP
Continuous OEI Power -shaft output	597 kW	800 SHP
Dry weight	201,2 kg	443,6 lb

AVIA AV-725 PROPELLERS (TBO 3 600 FH):

Number of blades	5	
Propeller diameter	2,3 m	7.546 ft
Sense of rotation	Clockwise	
Speed (take-off power)	2,080 RPM	
Weight	77 kg	169,8 lb

DIMENSIONS:

Wing span (with wing tip tanks)	19.980 m	65.55 Ft
Length	14.424 m	47.32 Ft
Height	5.829 m	19.12 Ft
Wing area	34.86 sq. m	375.23 sq. ft
Maximum cabin diameter	1.95 m	6.40 Ft
Maximum cabin height	1.66 m	5.45 Ft
Passenger cabin volume	17.90 cu m	632 cu ft
Seat pitch	0.76 m	29.94 Inch
Entrance door	0.80 x 1.46 m	2.6 x 4.8 Ft
Cargo door	1.25 x 1.46 m	4.1 x 4.8 Ft

WEIGHTS:

Maximum take-off weight	6.600 kg	14.550 Lb
Maximum landing weight	6.400 kg	14.109 Lb
Maximum fuel weight	1.000 kg	2.205 lb
(with wing tip tanks)	1.300 kg	2.866 lb

PERFORMANCE (AT ISA CONDITIONS, MTOW = 6,600 KG):

Maximum speed (TAS) at 10,000 ft	405 km/hr	219 knots
Maximum operating flight level	4,200 m	14,000 ft
Maximum range	1,520 km	820 NM
(45 min holding, wing tip tanks H = 10,000 ft, ISA + 15 °C)		

AVIONICS FOR L 410 UVP-E20 AIRCRAFT

RADIO – NAVIGATION AND RADIO COMMUNICATION EQUIPMENT			
1	Advanced Flight Display	EFI-890R	2 sets
2	Attitude Heading Reference System	AHS-1000A	2 sets
3	Air Data Computer	AC32.10.21.11.AF	2 sets
4	NAV/ COM/ GPS I	GTN 750	1 set
5	NAV/ COM/ GPS II	GTN 650	1 set
6	ADF	KR 87	1 set
7	DME	KDM 706A	1 set
8	Interphone and public address system	PMA 8000D with MKR	2 sets
9	Transponder	GTX 3000	2 sets
10	Flight data recorder	FA 2200	1 set
11	Emergency locator transmitter	ELT C406-2	1 set
12	Emergency locator transmitter	ARM -406	1 set
13	Cockpit voice recorder	FA 2100	1 set
14	Weather radar	GWX 70	1 set
15	Radar altimeter	KRA 405B	1 set
16	TAWS	integrated in GTN 750	1 set
17	Autopilot	KFC 325	1 set
18	TCAS II	GTS 8000	1 set
INSTRUMENT EQUIPMENT			
1	ESIS	ESI-2000 with MAG 3100	1 set
2	Magnetic Compass	5 LUN 1224-8	1 set
3	Torque indicator	LUN 1539.20-8	2 sets
4	Gas generator RPM indicator	LUN 1347.93-8	2 sets
5	Propeller RPM indicator	LUN 1348.93-8	2 sets
6	ITT indicator	LUN 1370.16-8	2 sets
7	Three - pointer indicator	LUN 1538.01-8	2 sets
8	Fuel quantity indicator (main fuel tank)	LUN 1634.01-8	2 sets
9	Fuel quantity indicator (wing tip fuel tank)	LUN 1674-8	2 sets
10	Flown-meter indicator	PC 900-1	2 sets
11	Double pointer air thermometer	LUN 5610.01-8	1 set
12	Clock	GROB BENZ 115EG7780	2 sets

ACCOMPANYING DOCUMENTATION:

TECHNICAL DOCUMENTATION		
1.	Airplane Log Book	1 book
2.	Engine Log Book	2 books
3.	Propeller Log Book	2 books
4.	Set of Aircraft Certificates (FAA, EASA Forms, attests)	5 folders
5.	Leveling and rigging record	1 set
6.	Weight and balance record	1 set
7.	FDR calibration protocols	1 set
8.	Protocol of the altimeters calibration	1 set
9.	Flight test Protocol	1 set
10.	Book of the hoses	1 book
11.	Safety instructions	1 set
OPERATIONAL DOCUMENTATION		
1.	Airplane Flight manual for L 410 UVP-E20	1 book
2.	Checklist of Emergency, Abnormal and Normal Procedures L410 UVP-E20	1 book
3.	Master Minimum Equipment List L 410 UVP-E20	1 book
4.	Maintenance Manual for L 410 UVP-E20	1 CD
5.	Maintenance Schedule for L 410 UVP-E20	1 CD
6.	Wiring Manual for L 410 UVP-E20	1 CD
7.	H80 - 200 Engine Maintenance Manual	1 CD
8.	AV 725 Propeller Operation and Installation Manual	1 CD
9.	Ground and flight check procedures for the L410 UVP-E, E9, E20	1 CD
10.	Illustrated Spare Parts Catalogue for the L 410 UVP-E20	1 CD
11.	Repair Manual for the L410 UVP-E20	1 CD
12.	Album of the Production, Operation and Repair Tolerances of the L410 UVP-E, E9, E20 Aeroplane	1 CD
13.	Pilot's Guides	1 set
14.	List of performed mandatory bulletins	1 set

BASIC SET OF GROUND SUPPORT EQUIPMENT

BASIC SET OF GROUND SUPPORT EQUIPMENT, DELIVERED WITH L 410 UVP-E20 AIRCRAFT				
Fig	Part No	Description	Qty	Order No.
1.	B598732L	Left exhaust cover (non-metallic)	2	B598732L
2.	B598732P	Right exhaust cover (non-metallic)	2	B598732P
3.	B598733N	Covers for engine and generator (non-metallic)	2	B598733N
4.	B598759N	Bag for non-metallic covers	1	B598759N
5.	B596895N	Wheel block (wooden)	3	B596895N
6.	B596695N	Propeller blocking element	2	B596695N
7.	B598919N	Pitot cover	2	B598919N
8.	B953322N or L 410M.9537	Blind flange of static pressure	2	B953322N
9.	B922150N or XL 410.9220	Aileron blocking element	4	B922150N
10.	B596476N	Steering wheel blocking element	1	B596476N
11.	B098698N	Rudder blocking element (25° deflection + H80 Engines)	1	B098698N
12.	B596420N	Toilet ventilation cover	1	B596420N
13.	B097490N	Stall speed hole plug	1	B097490N
14.	B596281N	Stairs	1	B596281N
15.	B952053N or L410.9521	Hand Towing Equipment	1	B952053N
16.	B598942N	Anchor device – wing	2	B598942N
17.	B598950N	Anchor device - main landing gear	2	B598950N
18.	B598945N	Anchor device - nose landing gear	1	B598945N
19.	95273992	Hydraulic jack	1	B599355N
20.	B598935N	Extending ladder to be transported in airplane	1	B598935N
21.	B598973N	Universal tools kit	1	B598973N
22.	B098515N	Bag for documentation	7	B098515N
23.	B524590L	Wing Tip LH	1	B524590L
24.	B524590P	Wing Tip RH	1	B524590P
25.	B098600N	Blinding cap	2	B098600N
26.	B596560N	Mud discharge connection WTT	1	B596560N
27.	B096591N	Connection of fuel mud removal	1	B096591N
28.	B596575N	Emergency door blocking element	3	B596575N
29.	LUN 7743-7	Connection for hydraulic trolley	2	95077437
30.	LUN 7744-7	Connection for hydraulic trolley	1	95077447
31.	B598625N (incl. B598626N, B598627N, B598628N)	Special Tools	1	B598625N
32.	BOSE Ord. No. 47693	6-pin to Dual G/A Cable Adapter (for BOSE A20 headset only)	1	90018728
33.	10 ONL 3996.4	Blinder	4	32143410