

ANNEX A

AIRCRAFT TECHNICAL SPECIFICATION

BASIC TECHNICAL AND OPERATIONAL DATA

YEAR OF PRODUCTION:	NEW
MODIFICATION:	specification complies with the Czech Type Certificate Data Sheet No. 90-03 and Type Certificate EASA.A.026
SERIAL NUMBER:	072621
TTSN:	0 FH
TLSN:	0 landings
PASSENGER COMPARTMENT:	19 passenger seats with headrests and service tables, leather seat upholstery
MAINTENANCE SCHEDULE:	on condition
PAINTING:	client's paint scheme
COCKPIT LABELLING:	English
PASSENGER CABIN LABELLING:	Korean/English
TOILET:	emergency, located in rear part of the aircraft
BAGGAGE COMPARTMENT:	standard, accessible from the inside
OTHER EQUIPMENT:	wing tip tanks, oxygen equipment SCOTT, VARTA batteries, ENVIRO air condition, single point refueling system

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 payload	1.710 kg	3.770 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	386 km/hr	208 knots
Maximum operating flight level	4,200 m	14,000 ft
Maximum technical flight level	6,100 m	20,000 ft
Maximum range (45 min holding, wing tip tanks H = 10,000 ft, ISA + 15 °C)	1,318 km	711 NM

POWER PLANT :

TWO WALTER M 601 E ENGINES – NEW

(3000 FH and 3300 cycles TBO):

Maximum Take-off rating-shaft output (ISA, H = 0, v = 0, up to + 31°C)	560 kW	751 SHP
Maximum continuous rating-shaft output (ISA, H = 0, v = 0)	490 kW	657 SHP
Emergency rating-shaft output	595 kW	798 SHP
Dry weight	198 kg	436.5 lb

TWO AVIA V 510 PROPELLERS – NEW

(3000 FH TBO):

Number of blades	5	
Propeller diameter	2.3 m	7.546 ft
Sense of rotation	Clockwise	
Speed (take-off power)	2,080 RPM	
Weight	94 kg	207 lb

RADIO-NAVIGATION AND RADIO-COMMUNICATION EQUIPMENT:

VOR / ILS /MKR	KX 165	2 set
MKR	KR 21	2 sets
ADF	KR 87	1 set
Gyro compass	KCS 55A	2 sets
DME	KN 63	1 set
Interphone and public address system	KMA 24H	2 sets
Transponder	KT 70	1 set
Flight data recorder	BUR-1-2G+SPEEL 59 B-L	1 set
Emergency location transmitter	ELT 110-406	1 set
Cockpit voice recorder	FA 2100	1 set
GPS	GARMIN 155XL	1 set
HF Transceiver	KHF 950 - provisions for installation only	
TCAS II	CAS 67 A – provisions for installation only	
Weather radar	RDR 2000+KMD 550 MFD	1 set
Radar Altimeter	KRA 405	1 set
EGPWS	MARK VI	1 set
Autopilot	KFC 275	1 set

INSTRUMENT EQUIPMENT:

1	Airspeed indicator	LUN 1113.13-8	2 pcs
2	Barometric altimeter	5934 PAD-3 KEA 130 A	1 pc 1 pc
3	Encoding altimeter	SAE535	2 pc
4	Rate-of-climb indicator	LUN 1140.03-8	2 pcs
5	Artificial horizon LH	KI 254	1 pc
6	Artificial horizon RH	LUN 1205.32-8	1 pc
7	Artificial horizon Standby	MCI 4300	1 pc
8	Turn-and-bank indicator	UI 9551B N.541	2 pcs
9	Magnetic compass	LUN 1221.1-8	1 pc
10	Torque indicator	LUN 1539.02-8	2 pcs
11	Gas generator RPM indicator	LUN 1347.83-8	2 pcs
12	Propeller RPM indicator	LUN 1348.03-8	2 pcs
13	ITT indicator	LUN 1370.08-8	2 pcs
14	Tree-pointer indicator	LUN 1538.01-8	2 pcs
15	Fuel quantity indicator (main)	LUN 1634.01-8	2 pcs
16	Fuel quantity indicator (wing tip)	LUN 1674-8	2 pcs
17	Flow meter indicator	PC 900-1	2 pcs
18	Outside air thermometer	Rn 45	1 pc
19	Double pointer air thermometer	LUN 5610.01-8	1 pc

ACCOMPANYING DOCUMENTATION**A/ TECHNICAL DOCUMENTATION**

1. Aeroplane Log Book	1 book
2. Engine Log Book	2 books
3. Propeller Log Book	2 books
4. Leveling and rigging record	1 set
5. Weight and balance record	1 set
6. FDR calibration protocols	1 set
7. Protocol of the altimeters calibration	1 set
8. Flight test Protocol	1 set
9. Book of the hoses	1 book
10. List of the performed bulletins	1 set
11. Safety instructions	1 set

B/ OPERATIONAL DOCUMENTATION

1. Airplane Flight manual for L 410 UVP E20	1 book
2. Master Minimum Equipment List L 410 UVP E20	1 book
3. Maintenance Manual for L 410 UVP E20	15 books
4. Maintenance Schedule for L 410 UVP E20	1 book
5. Check Lists of normal procedures L 410 UVP E20	
Check Lists of emergency procedures of L 410 UVP E20	1 book
6. Wiring Manual for L 410 UVP E20	1 book
7. V 510 Propeller Operator's, Installation and Maintenance Manual	1 book or 1 CD
8. Maintenance Manual for M 601 E Engine	1 book
9. Illustrated Spare Parts Catalogue for L 410 UVP E20	5 books
10. Illustrated Spare Parts Catalogue for WALTER M 601 E engine	1 book
11. Illustrated Spare Parts Catalogue for V 510 propeller	1 book or 1 CD
12. Check Flight Methodic	1 book

BASIC EQUIPMENT FOR AIRCRAFT OPERATION AND SERVICING

Specified in the Enclosure No. 1 to this Annex A.