



...a long-established producer of aircraft instruments...

Development, production, testing, sale, maintenance and repair of aircraft instruments
The production of precision parts and dental implants.

New 2" instruments

Altimeters in [feet]

Altimeters in [m]

Gyroscopic Instruments

Airspeed Indicators

Vertical Speed Indicators

Pressure Instruments

Pitot-static Tubes



**Delivery
and
payment
terms**

Aircraft Instruments

The company was founded in 1925 by two Czech military pilots in order to produce aircraft instruments. Before World War II, MIKROTECHNA grew and expanded the range of aircraft instruments and avionics equipment that it was able to produce. After World War II, the company was nationalised and it became a general supplier of aircraft instruments and gyros to the Czech Aircraft Industry.

In 1994, the company was privatised. At present, MIKROTECHNA PRAHA a.s. products are mainly based on metal membrane and gyroscope technologies. Some 20 generic groups of aircraft instruments are produced including altimeters, artificial horizons, airspeed indicators, vertical speed indicators, Pitot tubes, signal units, warning systems, pressure gauges and switches, gyroscopes, etc. In addition, MIKROTECHNA PRAHA a.s. has become a producer of special testing equipment, tools and simulators and a supplier of precision-machined parts.

The company offers high quality products produced to international standards (TSO, DO 160D) at competitive prices. Its production is certified by CAA CR (JAA FORM ONE is available) and the Czech Army. Furthermore, MIKROTECHNA PRAHA a.s. has obtained Certificate ISO 9001.



Model	Product name	Use for aircraft
LUN 1106	Airspeed indicator up to 600 km / h (300 knots)	TSO C2d general aviation
LUN 1107	Airspeed indicator with stalling speed warning	Zlíny, VUT 100, EV 55
LUN 1108	Airspeed indicator with stalling speed warning	L 410, L 420
LUN 1110	Airspeed indicator up to 600 km / h (300 knots)	L 410
LUN 1113	Airspeed indicator up to 600 km / h (300 knots)	L 410, L 420
LUN 1114	Airspeed indicator up to 600 km / h (300 knots) with Vmo	TSO C43a, G 120, EV 55
LUN 1116	Airspeed indicator up to 400 km / h (200 knots)	TSO C2d, Helicopters, general aviation
LUN 1119	Airspeed indicator 2" up to 450 km / h (200 knots)	TSO C2d
LUN 1120	Counter drum pointer pressure sensitive altimeter up to 50 000	TSO C10b, Militari aviation, L 410
LUN 1124	Barometric altimeter pointer up to 10,000 m	L 410, L 420
LUN 1128	Barometric altimeter three pointer up to 20 000 feet	TSO C10b, Helicopters, general aviation
LUN 1130	Altimeter of cabin up to 50 000 feet (20 000m)	L39, L159
LUN 1132	Altitude indicator	L159B, Ae-270
LUN 1139	Barometric altimeter 2"three pointer up to 50 000 feet	TSO C10b
LUN 1140	Diaphragm vertical speed indicator range 0 - 6 000 feet/min	L 410, L 420
LUN 1144	Diaphragm vertical speed indicator range 0 - 2 000 feet/min	TSO C8d, Helicopters, general aviation
LUN 1147	Diaphragm vertical speed indicator range 0 - 6 000 feet/min	general aviation
LUN 1150	Pitot - static tube	L39
LUN 1152	Pitot tube	L 410, L 420, Helicopters
LUN 1153	Pitot - static tube	L39
LUN 1155	Static pressure sensor	L 410, L 420, Z 143, Z 242
LUN 1156	Static pressure sensor	L410, L 420, EV 55
LUN 1170	Airspeed indicator with machmeter	L39,L159
LUN 1173	Airspeed warning	L410, L420
LUN 1180	Vertical speed and rate of turn indicator range 0-80m/s	L39
LUN 1181	Vertical speed and rate of turn indicator range 0-30m/s	L410
LUN 1183	Vertical speed and rate of turn indicator range 0-80m/s	L59
LUN 1184	Vertical speed indicator 2" range 0- 6 000 feet/min	L159B
LUN 1205	Electric gyro horizon with electric input	L410, L 420
LUN 1216	Turn and slip indicator	TSO C3d, Helicopters, general aviation
LUN 1241	Electric gyro horizon	TSO C4c, L 410, L159, Helicopters
LUN 1242	Electric gyro horizon 2"	TSO C4c
LUN 1401	Engine boost gauge	Z 143, Z 242
LUN 1444	Dual pressure gauge 2x20 MPa	L39
LUN 1446	Dual pressure gauge 2x6 MPa	L 410, L39
LUN 1447	Dual pressure gauge 2x0,3 MPa	L59
LUN 1448	Dual pressure gauge 6/0,4 Mpa	L159
LUN 1449	Dual pressure gauge 2x25 Mpa	L159
LUN 1450	Dual pressure gauge 2x10 MPa	L159
LUN 1460	Detector of dangerous pressure in the cabin	L159, L39, L59
LUN 1461	Detector of pressure	L39
LUN 1464	Detector of pressure	L39
LUN 1469	Pressure change - over swith	L 410, L 420
LUN 1490	Pressure change - over swith	Ground equipment
LUN 1491	Differential pressure warning device (detector)	Jihostroj, PBS
LUN 1492	Pressure change - over swith	L 410, L39, L159
LUN 1593	Position transmitter	L39, L59
LUN 1696	Landing gear position annunciator	L39
LUN 1724	Accelerometer range 5 g / 10 g	G 120, general aviation
LUN 2145	Airborne warning system supply	L39, L59
LUN 2146	Central warning system control unit	L39, L59
LUN 2150	Airborne warning system supply	L159, L59
LUN 2156	Airborne warning system supply	EV 55, VUT 100
LUN 2605	Central warning circuit	L59
LUN 2662	Signal screen block	L 420, EV 55, VUT 100, Ae-270
LUN 2680	Annunciator	L39, L59

LUN 2690	Signal screen block	L39, L 59, L410 – Only repair!!!
LUN 2696	Signal screen element	L159, L59
LUN 2697	Socket of signal element for LUN2696	L159, L59
LUN 3158	Terminal switch	L159, L39, L59
LUN 3159	Terminal switch	L 420, L159, L59, L39
LUN 3240.01	Breaker of position light	L39, L59
LUN 3241.02	Breaker 5Hz	L 410, L 420
LUN 3297	Power supply control unit	L59
LUN 3311	Diode block	L39, L59
LUN 3312	Diode block	L 410, L39
LUN 5606	Temperature control unit	L39, L59
LUN 5607	Temperature control unit	L39, L59
LUN 5617	Temperature controller with an emergency control mode	L39, L59
LUN 5624	Temperature controller	L39, L59
LUN 5626.01	Temperature sensor	L39, L59
LUN 5627.01	Temperature sensor	L39, L59, L159
LUN 7375	Change-over cock	L 410, L 420, L39, L59, L159
LUN 7750	Moisture trap	L 410, L 420, L39, L159
LUN 7850	Collector	L 410, L 420
BKS	Electro-static discharger	L 410, L39, L159
57-S5-7	Bomb release solenoid	L39
A-2	Aneroid	Jihostroj
BK-APU	Barometric box	L159
DTS	Differential pressure switch	Škoda Plzeň
KAP-3	Parachute deployment controller aneroid	L39, L159
KAP-3P/39V	Airspeed measuring diaphragm	L39, L159
P/N 45125	Sensor of height	PBS
PK-020.00	Terminal switch	VOP Štenberk,
SAPHIR	Manometric box	Jihostroj
SU-2	Airspeed measuring diaphragm	L159
VK-53Rb	Switch correction	L39 – Only repair!!!