

PROTOCOL OF THE CHECK TEST FLIGHT KR-030 TOPAZ

Serial No. 20-14-08 Reg. sing SP-ZARC according to the programme of test checkflight
 Annex of flight order No from day
 Take off weight m_{TO} 453.41 kg centre of gravity position X 260 mm
 Weather condition: $p_0 =$ 1018 mm-Hg (hPa), $t_0 =$ 18 °C
 Pilot PIOTR GRZEBIEN Date 15.05.2026 Flight time 14 10'

GROUND MEASUREMENTS

	Engine P.R.M. [obr/min]	Oil pressure [bar]	Fuel pressure [bar]	Oil temp. [°C]	Head temp. [°C]
Min.	<u>1540</u>	<u>3.7</u>	<u>3.0</u>	<u>96</u>	<u>93</u>
Max.	<u>5200</u>	<u>5.0</u>	<u>2.9</u>	<u>81</u>	<u>96</u>

FLIGHT MEASUREMENTS

Flight status	n [p.r.m]	H [ft]	$\frac{km/h}{V}$ [knot]	Oil pressure [bar]	Fuel pressure [bar]	Oil temp. [°C]	Head temp. [°C]
Climb <u>6.5 m/s</u>	Max.	<u>1500</u>	<u>120</u>	<u>4.7</u>	<u>2.9</u>	<u>96</u>	<u>93</u>
	Min.	<u>1500</u>	<u>115</u>	<u>3.7</u>	<u>3.0</u>	<u>88</u>	<u>91</u>
Horizontal flight	4300	<u>2500</u>	<u>180</u>	<u>4.6</u>	<u>2.9</u>	<u>86</u>	<u>92</u>
	4800	<u>2500</u>	<u>212</u>	<u>4.7</u>	<u>2.9</u>	<u>94</u>	<u>92</u>
	5000	<u>2500</u>	<u>222</u>	<u>4.7</u>	<u>2.9</u>	<u>94</u>	<u>90</u>
	5200	<u>2500</u>	<u>234</u>	<u>4.7</u>	<u>2.9</u>	<u>95</u>	<u>89</u>
	5500	<u>2500</u>	<u>240</u>	<u>4.7</u>	<u>2.9</u>	<u>96</u>	<u>91</u>

OPINION OF AIRPLANE QUALITY

1. Stability and manoeuvrability: - NO COMMENTS
2. Behaviour on minimum speed: - NO COMMENTS
3. Trim ability: - NO COMMENTS
4. Stalling: - NO COMMENTS
5. Maneuvres: - NO COMMENTS

WORK OPINION OF DEVICES AND EQUIPMENT

1. Fuselage control: - NO COMMENTS
2. Engine control: - NO COMMENTS
3. Engine instruments: - NO COMMENTS
4. Flight-navigational instruments - NO COMMENTS
5. Fuel installation: - NO COMMENTS
6. Engine: - NO COMMENTS
7. Landing gear: - NO COMMENTS
8. Brakes of wheels: - NO COMMENTS
9. Radiostation: - NO COMMENTS
10. TRANSPONDER - NO COMMENTS
11. - NO COMMENTS

FINAL OPINION OF THE PILOT

..The engine-propeller assembly, as well as the instruments and airframe work properly.....
 ...The aircraft is suitable for future operations in accordance with the Flight Manual.....



Piotr Grzebień
Signature of pilot