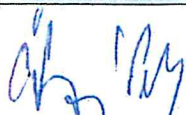
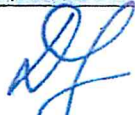





FLIGHT INSPECTION REPORT					No	16164
Airport	EPSY	Facility Operator	Warmia i Mazury Sp. z o. o.		Date of FI	16.-17.8.2016
Aircraft	Cessna 560 XL	Registration	OK-CAA		Issued on	17.8.2016
Inspector	Marek Dobrozemský			Page	1/2	
Crew	Petr Člupný, David Tomajer			Records No	9104-9163	
MET	(16.8.) 270/11 kt, VIS 10+ km, 18°/12°, SCT 2300, 1014			Next FI till	12.2.2017	
Facility checked		Check	Result		Remark	
1.	LLZ SZY	periodic	usable without restrictions			
2.	GP 01	periodic	usable without restrictions			
3.	DME SZY	periodic	usable without restrictions			
4.						
LLZ SZY						
Transmitter		[1/2]	1	2	Tolerance	
Alignment		[m/side]	0.1 / L	0.7 / L	±10.5	
		[uA]	-0.2	-1.0	±15	
SDM		[%]	40.3	40.4	40 ± 4	
Structure to „A“		[uA]	1	1	± 30	
Structure „A“-„B“		[uA]	1	1	±30-15	
Structure „B“-„C“		[uA]	1	1	± 15	
Structure „C“-„T“		[uA]	1	1	-	
Structure „T“-„D“		[uA]	1	1	-	
Structure „D“-„E“		[uA]	1	1	-	
Sector Width („A“-„B“)		sum	[°]	4.32	4.30	3.75 – 5.28 (±17% disp.sens.)
Half Sector Angle		150 Hz	[°]	2.16	2.13	
Half Sector Angle		90 Hz	[°]	2.16	2.17	
Symmetry			[%]	50.0 / 50.0	50.5 / 49.5	45 - 55
Clearance ± 10°		150 Hz	[uA]	205	210	> 175
		90 Hz	[uA]	215	217	
Clearance ± 35°		150 Hz	[uA]	202	205	> 150
		90 Hz	[uA]	208	211	
Coverage ± 10° 25 NM @ 3000 ft		150 Hz	[dBm]	-89	-92	-93
		90 Hz	[dBm]	-91	-89	
Coverage ± 35° 17 NM @ 3000 ft		150 Hz	[dBm]	-89	-88	
		90 Hz	[dBm]	-91	-86	
Identification				OK	OK	
Polarization			[uA]	-	-	15
Modulation Balance			[uA]	-	-	0 ± 5
Phasing R/L±5°			[uA]	-	-	-
Standby Power Check				-	-	-
MONITOR						
Alignment		150 Hz	[m]	10.5	10.5	±10.5
		90 Hz	[m]	10.0	10.5	
Sector Narrow („A“-„B“)		sum	[°]	3.82	3.80	3.75 (+17% disp.sens.)
		150 Hz	[°]	1.91	1.89	
		90 Hz	[°]	1.91	1.91	
Sector Wide („A“-„B“)		sum	[°]	5.19	5.17	5.28 (-17% disp.sens.)
		150 Hz	[°]	2.60	2.57	
		90 Hz	[°]	2.59	2.60	

FLIGHT INSPECTION REPORT				No	16164
Airport	EPSY	Facility Operator	Warmia i Mazury Sp. z o. o.	Date of FI	16.-17.8.2016
Aircraft	Cessna 560 XL	Registration	OK-CAA	Issued on	17.8.2016
Inspector	Marek Dobrozemský			Page	2/2
Crew	Petr Člupný, David Tomajer			Records No	9104-9163
MET	(17.8.) 250/6 kt, VIS 10 km, 12°/13°, LIRA, BKN 900, 1012			Next FI till	12.2.2017
GP 01					
Transmitter		[1/2]	1	2	Tolerance
Glide Slope Angle		[°]	2.97	2.97	3.00 ± 0.22
		[%]	-1.1	-1.1	± 7.5
SDM		[%]	80.9	80.7	80 ± 5
Structure to „A“		[uA]	2	2	± 30
Structure „A“-„B“		[uA]	3	2	± 30
Structure „B“-„C“		[uA]	3	3	± 30
Sector Width („A“-„B“)	sum	[°]	0.76	0.76	Half Sector 0.21-0.42
Half Sector Angle	150 Hz	[°]	0.37	0.37	
Half Sector Angle	90 Hz	[°]	0.39	0.39	
Symmetry		[%]	51.3 / 48.7	51.3 / 48.7	42 - 58
Clearance	0.3 Θ	[uA]	-649	-655	> 190
	1.75 Θ	[uA]	228	229	> 150
Coverage 10 NM @ 1500 ft	CL	[dBm]	-75	-76	- 83.5
	8° R	[dBm]	-75	-78	
	8° L	[dBm]	-79	-79	
Modulation Balance		[uA]			0 ± 5
Phasing		[uA]			-
Standby Power Check					
MONITOR					
Alignment	150 Hz	[°]	0.10	0.10	± 0.22 (7.5% Θ)
	90 Hz	[°]	0.11	0.11	
Sector Narrow („A“-„B“)	sum	[°]	0.62	0.62	Half Sector 0.25 (-3.75% Θ)
	150 Hz	[°]	0.30	0.30	
	90 Hz	[°]	0.32	0.32	
Sector Wide („A“-„B“)	sum	[°]	0.90	0.90	Half Sector 0.47 (+3.75% Θ)
	150 Hz	[°]	0.44	0.44	
	90 Hz	[°]	0.46	0.46	
DME SZY					
Coverage ± 35°/17 NM @ 3000 ft		[dBm]	-61	-65	-84
Coverage C/L		[dBm]	-57	-57	-84
Error ± 35°/17 NM		[NM]	0.02	0.02	0.04
Identification			OK	OK	-
Remarks: PAPI indication well aligned with ILS GP.					
ILS SZY meets operational requirements according to DOC 8071 ICAO. Radiated parameters are within technical tolerances and facility is therefore usable without restriction for cat I.					
Crew Captain			Inspector		
					
			Air Navigation Services of the Czech Republic (ANS ČR) Flight Inspection Department Navigační 787 252 61 Jeneč, Czech Republic VAT: CZ49710371		