




FLIGHT INSPECTION REPORT				No	19347
Airport	EPSY	Facility Operator	Warmia i Mazury Sp. z o. o.	Date of FI	2.7.2019
Aircraft	L410 UVP-E	Registration	OK-WYI	Issued on	3.7.2019
Inspector	Jan Chvátal			Page	2/2
Crew	Petr Člupný, Josef Martinek			Records No	15804-15835
MET	270/20 kt, CAVOK, QNH 1013			Next FI till	29.12.2019
GP 01					
Transmitter		[1/2]	1	2	Tolerance
Glide Slope Angle		[°]	2.97	2.96	3.00 ± 0.22
		[%]	-1.0	-1.3	± 7.5
SDM		[%]	80.8	80.7	80 ± 5
Structure to „A“		[uA]	3	2	± 30
Structure „A“-„B“		[uA]	4	7	± 20
Structure „B“-„C“		[uA]	2	3	± 20
Sector Width („A“-„B“)	sum	[°]	0.73	0.78	Half Sector 0.21-0.42
Half Sector Angle	150 Hz	[°]	0.35	0.40	
Half Sector Angle	90 Hz	[°]	0.38	0.39	
Symmetry		[%]	51.8 / 48.2	49.2 / 50.8	42 - 58
Clearance	0.3 Θ	[uA]	-658	-660	> 190
	1.75 Θ	[uA]	222	210	> 150
Coverage 10 NM @ 1500 ft	CL	[dBW/m ²]	-84.3	-82.5	-95
	8° R	[dBW/m ²]	-91.3	-	
	8° L	[dBW/m ²]	-94.1	-	
Modulation Balance		[uA]			0 ± 5
Phasing		[uA]			-
Standby Power Check					
MONITOR					
Alignment	150 Hz	[°]	0.10	0.11	± 0.22 (7.5% Θ)
	90 Hz	[°]	0.10	0.11	
Sector Narrow („A“-„B“)	sum	[°]	0.64	0.69	Half Sector 0.25 (-3.75% Θ)
	150 Hz	[°]	0.31	0.34	
	90 Hz	[°]	0.32	0.35	
Sector Wide („A“-„B“)	sum	[°]	0.87	0.90	Half Sector 0.47 (+3.75% Θ)
	150 Hz	[°]	0.42	0.45	
	90 Hz	[°]	0.44	0.44	
DME SZY					
Coverage ± 35°/17 NM @ 3000 ft		[dBW/m ²]	-	-87.0	-89
Coverage C/L		[dBW/m ²]	-79.2	-76.7	-89
Error ± 35°/17 NM		[NM]	-0.01	-	0.04
Identification			OK	OK	-
<i>Remarks: PAPI indication well aligned with ILS GP.</i>					
<p>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 II.</p>					
Crew Captain			Inspector		
					
 Air Navigation Services of the Czech Republic (ANS ČR) Navigační 787 252 61 Jeneč Czech Republic					

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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]	0.2 / R	0.3 / L	±7.5	
		[uA]	0.4	-0.5	±11	
SDM		[%]	40.3	40.3	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	[°]	4.39	4.33	3.75 – 5.28 (±17% disp.sens.)	
Half Sector Angle	150 Hz	[°]	2.20	2.16		
Half Sector Angle	90 Hz	[°]	2.19	2.17		
Symmetry		[%]	49.9 / 50.1	50.3 / 49.7	45 - 55	
Clearance ± 10°	150 Hz	[uA]	-	-199	> 175	
	90 Hz	[uA]	-	210		
Clearance ± 35°	150 Hz	[uA]	-	204	> 150	
	90 Hz	[uA]	-	211		
Coverage ± 10° 25 NM @ 3000 ft	150 Hz	[dBW/m ²]	-	-113.5	-114	
	90 Hz	[dBW/m ²]	-	-113.1		
Coverage ± 35° 17 NM @ 3000 ft	150 Hz	[dBW/m ²]	-	-109.9		
	90 Hz	[dBm]	-	-107.6		
Identification			OK	OK		
Polarization		[uA]	-	1	15	
Modulation Balance		[uA]	-	-	0 ± 5	
Phasing R/L/±5°		[uA]	-	-	-	
Standby Power Check			-	-	-	
MONITOR						
Alignment	150 Hz	[m]	7.2	7.2	±7.5	
	90 Hz	[m]	7.2	7.2		
Sector Narrow („A“-„B“)	sum	[°]	3.85	3.84	3.75 (+17% disp.sens.)	
	150 Hz	[°]	1.93	1.92		
	90 Hz	[°]	1.92	1.92		
Sector Wide („A“-„B“)	sum	[°]	5.05	5.07	5.28 (-17% disp.sens.)	
	150 Hz	[°]	2.54	2.55		
	90 Hz	[°]	2.51	2.52		