



FLIGHT INSPECTION REPORT				No	15182
Airport	EPSY	Facility Operator	Warmia i Mazury Sp. z o. o.	Date of FI	27.-28.8.2015
Aircraft	Cessna 560 XL	Registration	OK-WYI	Issued on	3.9.2015
Inspector	Marek Dobrozemský, Jan Chváta			Page	1/1
Crew	Tomáš Strnádek, David Tomajer			Records No	10739-10775
	Facility checked	Check	Result	Remark	
1.	LLZ SZY	commissioning	usable without restrictions		
2.	GP 02	commissioning	usable without restrictions		
3.	DME SZY	commissioning	usable without restrictions		
4.					

LLZ SZY

Transmitter	[1/2]	1	2	Tol.	Transmitter	[1/2]	1	2	Tol.
Modulation Balance	[uA]	0.1	0.4	0 ± 5	Phasing R/L/±5°	[uA]	-	-	-
Modulation Depth	[%]	40.3	40.3	±10 ± 4	Half Sector Angle / R	[°]	2.16	2.14	-
Course Alignment	[m/side]	0.3R	0.8R	±10.5	Half Sector Angle / L	[°]	2.18	2.14	-
Structure „A“	[uA]	1	1	±30	Sector Width	[°]	4.34	4.28	±34±17%
Structure „A“-„B“	[uA]	2	1	±30-15	Clearance +/- 35°/17NM	[uA]	-	189	> 150
Structure „B“-„C“	[uA]	2	1	±15	Clearance +/- 10°/25NM	[uA]	-	176	> 175
Structure „C“-„T“	[uA]	2	2	-	High Angle Clearance +/- 35°	[uA]	-	208	> 150
Structure „T“-„D“	[uA]	-	2	-	Identification		OK	OK	-
Structure „D“-„E“	[uA]	-	1	-	Standby Power Check		-	-	-

MONITOR

Transmitter	[1/2]	1	2	Tol.	Transmitter	[1/2]	1	2	Tol.
Course Line / 150Hz	[uA]	14	13	±15	SW – wide / 90Hz	[uA]	-	23	±28
Course Line / 90Hz	[uA]	14	13	±15	SW – narrow / 90Hz	[uA]	-	23	±26
SW – wide / 150Hz	[uA]	22	23	±26	VF power CSB	[%]	-	-	50
SW – narrow / 150Hz	[uA]	25	23	±26	VF power CLR	[%]	-	-	80

GP 02

Transmitter	[1/2]	1	2	Tol.	Transmitter	[1/2]	1	2	Tol.
Modulation Balance	[uA]	-0.5	-1.5	0 ± 5	Structure „A“	[uA]	2	3	±30
Phasing	[uA]	-	-	-	Structure „A“-„B“	[uA]	10	10	±30
Modulation Depth	[%]	80.4	80.4	±5	Structure „B“-„C“	[uA]	8	14	±30
Glide Slope Angle	[°]	2.97	2.96	±0.025	Structure „C“-„T“	[uA]	12	10	-
Half Sector Angle /150Hz	[°]	2.62	2.62	±0.09	Clearance C/L	[uA]	-	441	> 190
Half Sector Angle /90Hz	[°]	3.35	3.34	±0.09	Clearance 8° R	[uA]	-	544	> 190
Standby Power Check		-	-	-	Clearance 8° L	[uA]	-	207	> 190

MONITOR

Transmitter	[1/2]	1	2	Tol.	Transmitter	[1/2]	1	2	Tol.
Glide Slope Angle / 150Hz	[uA]	27	28	±47	SW – wide / 90Hz	[uA]	-	-	±23
Glide Slope Angle / 90Hz	[uA]	26	25	±47	SW – narrow / 90Hz	[uA]	-	-	±23
SW – wide / 150Hz	[uA]	10	10	±23	VF power CSB	[%]	-	-	50
SW – narrow / 150Hz	[uA]	14	14	±23	VF power CLR	[%]	-	-	80

DME SZY

Transmitter	[1/2]	1	2	Tol.	Transmitter No	[1/2]	1	2	Tol.
Coverage +/- 35°/17 NM	[dBm]	-77	-74	-84	Orbit diameter	[NM]	-	-	-
Coverage C/L	[dBm]	-56	-56	-84	ALT	[ft]	2000	3000	-
Error +/- 35°/17 NM	[NM]	-0.01	-0.01	0.04	Coverage	[dBm]	-	-	-84
Error C/L	[NM]	-0.01	-0.01	0.04	Error	[NM]	-	-	0.1
Identification		OK	OK	-	Identification		-	-	-

* Values valid for nominal Glide Slope Angle 3.0°

Remarks: ILS RDH Tx1: 53.1 ft Tx2: 53.0 ft
LLZ Clearance/Coverage at distances >17 NM satisfactory at ALT 3000 ft and above.
DME readings from DME antenna (0 at antenna position). Range checked from 44NM @2000ft.

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

KIEROWNIK BUDOWY

Artur Szymani

DOKUMENTACJA ZA WYKONANIEM

ZA WYKONANIEM Z ORYGINAŁEM