Customer Information 02/2010



Control of Low Fuel Sensors Fuel Tank

MANDATORY

Repeating Symbols:

Please pay attention to the following symbols throughout this document emphasizing particular information:

*	Warning:	Identifies an instruction, which if not followed, may cause serious injury or even	
		death.	
0	Caution:	Denotes an instruction, which if not followed, may severely damage the gyroplane or	
		lead to suspension of warranty.	
\triangleright	Note:	Information useful for better handling.	

1. Planning information

1.1	Gyroplane affected	MTOsport: built as of Febuary until May 2010
1.2	Reason	During maintenance it has occurred that the connection of the low fuel
		sensor could cause leakage.
		In this case the reason for the leakage is a moving seal of the sensor inside
		the fuel tank.
1.3	Subject	Exchange of the affected fuel tank (Photo 4.1)
1.4	Compliance	At next preflight check
		Before next flight
1.5	Approval	The technical content is approved under the authority of AutoGyro GmbH
1.6	Manpower	Estimated working time for the exchange of fuel tank is approximately 1.5h
1.7	Mass data	No change
1.8	Electrical load data	No change
1.9	References	In addition to this technical information refer to current issue of:
		- spare part catalogue www.auto-gyro.com
1.10	Other publications	None
	affected	
1.11	Interchangeability of	All old parts are not reusable and have to be sent back to AutoGyro or the
	parts	authorized distribution partners.

Gyrofliegen... die neue Dimension!

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2. Material information

2.1	Material cost and	The specific spare part is available on request at AutoGyro GmbH.
	availability	AutoGyro GmbH will cover the cost of the replacement after returning the
		old part.
2.2	Material	If it is necessary to remove a component like lock wire or nylock nuts during
	requirement per	assembly, it is obligatory to replace this part by a new one.
	gyroplane	
2.3	Material	Fuel tank left M.BE13
	requirement per	
	spare part	
2.4	Rework of parts	None
2.5	Sepcial tooling /	- Loctite 243 (blau) S.WZ10
	lubricant-/	- Loctite 5331 S.WZ11
	adhesives-/ sealing	
	compound	

3. Accomplishment / Instructions

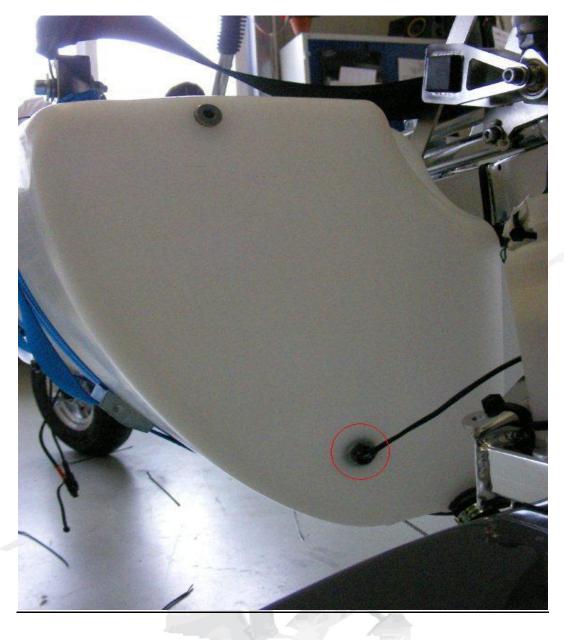
Г	3.1	Accomplishment	All the work must be done and confirmed by the following persons or
	5.1	Accomplishment	All the work must be done and confirmed by the following persons or facilities:
			- AutoGyro authorized persons
		A Monsing	- AutoGyro GmbH
		Warning:	Proceed with this work only in a non-smoking area and not close to sparks
			or open flames. Switch off ignition and secure gyroplane against
-		A	unintentional operation. Disconnect negative terminal of aircraft battery.
		Warning:	If it is necessary to remove a component like lock wire or nylock nuts during
-			assembly, it is obligatory to replace this part by a new one.
	3.2	Instructions	1. Secure gyroplane with park brake on
			2. Secure control stick in full forward position
			3. Adjust flight/brake switch to "brake"
			4. Apply full pressure
			5. Secure rotor system
			6. Remove rear seat
			7. Remove front seat belt
			8. Remove front seat
-			9. Drain both fuel tanks
			10. Remove fuel/breather hoses from fuel tank
			11. Remove holding straps
			12. Remove fuel tank by pulling out to front
			13. Check tube end cap
			14. Insert tank in reverse order
			15. Fasten holding straps and pay attention to the correct tension
			16. Attach all fuel /breather hoses
			17. Refill fuel tanks and check for leakage
			18. Install front seat
			19. Install front seat belt
			20. Install rear seat
0			
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3.3	Test run	Conduct test run and check for leakage
3.4	Summary	These instructions (section 3) have to be conducted in accordance with
		compliance in section 1.4. Confirm the implementation of the specific
		service bulletin in aircraft log.

4. Photos



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