

## Aircraft Maintenance Programme template Annex VI to ED 2020/002/R

Part-ML aircraft maintenance programme (AMP)			
Aircraft identification			
1	Registration(s):PH-1557	Type: DG1000S	Serial No (s):10-1945124
	Owner: Friese Aero Club		
Basis for the Maintenance Programme			
2	Minimum inspection programme (MIP) as detailed in the latest revision of AMC1 ML.A.302(d) <input checked="" type="checkbox"/> and DAH instructions for continued Airworthiness is used.		
Design Approval Holder (DAH) Instructions for continuing airworthiness (ICA)			
3	Equipment manufacturer and type	Applicable ICA reference (revision/date not required assuming the latest revision will always be used)	
3a	Aircraft	DG1000S DG Flugzeugbau	Maintenance manual DG Flugzeugbau Juli 2011 Repair manual DG Flugzeugbau Dec. 2010
3b	Safety Harness	Gadringer	Bagu 5201/Schugu 2601, Gadringer, NEW, April 2012
3c	Airspeed indicator	2 x Winter 6FMS 421	Einbau und Wartungsanweisung für die Staudruck Fahrtmesser 6FMS 4 September 2016
3d	Altimeter	2 x Winter 4FGH10	Einbau und Wartungsanweisung für die Hohenmesser 4FGH10 (mei 2017)
3e	Variometer	2 x Winter 5StV5 variometer	Einbau und Wartungsanweisung Winter , April 2016
3f	Radio	KTR2	User & Installation manual VHF- Communication Transceiver Juni 2015
3g	Transponder	Garrecht	Operation Secondary Surveillance Radar Transponder Mode-S and installation manual 14-02-2007
3h	Safety Coupling	Tost G88 Tost E85	Betriebshandbuch G72, G73, January 1989, Revisions 3, Mrch 2001 LTA-1989-018/3
3i	FLARM	LX minibox	FLARM manual, sept. 2007
3j	LXNAV	LX8000	LX90xx Manual, 29 May 2020
3k	Airpath Compass	Airpath	Compensation instructions <a href="https://www.airpathcompass.com/J30/index.php">https://www.airpathcompass.com/J30/index.php</a>



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Certification statement																	
8	<p><b><i>'I will ensure that the aircraft is maintained in accordance with this maintenance programme and that the maintenance programme will be reviewed and updated as required.'</i></b></p> <p>Signed by the person/organisation responsible for the continuing airworthiness of the aircraft according to ML.A.201:</p> <p>Owner/ operator: <input checked="" type="checkbox"/></p> <p>Name of owner/ operator: Friese Aero Club</p> <p>Address: Postbus 582, 8901BJ Leeuwarden</p> <p>Telephone +316</p> <p>Email: secretaris@frieseaeroclub.nl</p> <p>Signature/                      date:</p>																
9	<p>Appendices attached:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">– Appendix A</td> <td style="width: 10%;">YES <input checked="" type="checkbox"/></td> <td style="width: 10%;">NO <input type="checkbox"/></td> <td style="width: 60%;">= Minimum Inspection Program</td> </tr> <tr> <td>– Appendix B</td> <td>YES <input checked="" type="checkbox"/></td> <td>NO <input type="checkbox"/></td> <td>= Maintenance Data</td> </tr> <tr> <td>– Appendix C</td> <td>YES <input type="checkbox"/></td> <td>NO <input checked="" type="checkbox"/></td> <td>= Maintenance alternative to DAH</td> </tr> <tr> <td>– Appendix D</td> <td>YES <input type="checkbox"/></td> <td>NO <input checked="" type="checkbox"/></td> <td>table deleted</td> </tr> </table>	– Appendix A	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	= Minimum Inspection Program	– Appendix B	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	= Maintenance Data	– Appendix C	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	= Maintenance alternative to DAH	– Appendix D	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	table deleted
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– Appendix C	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	= Maintenance alternative to DAH														
– Appendix D	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	table deleted														

<p><b>Appendix A – Minimum inspection programme (MIP) (only applicable if a MIP different from the one described in AMC1 ML.A.302(d) is used – see Section 2 above)</b></p>		
<p><i>Annex A: Minimum inspection programme (MIP) and DAH (manufacturer) instructions for continued Airworthiness is used.</i></p>		
<p><b>Appendix B – Additional maintenance requirements (include only if necessary – see Section 4 above)</b></p>		
<p><i>This appendix is supposed to include only the tasks which are included in the AMP, either at the recommended interval or at a different one.</i></p> <p><del><i>(All repetitive maintenance tasks not included here, or the interval differences should be kept by the CAMO/CAO (when contracted) in their files with their corresponding justifications. Appendix D may optionally be used.</i></del></p> <p><i>Nevertheless, the owner/CAMO/CAO is responsible for taking into account all instructions, even if they are not adopted and listed here. The person performing the AR, if reviewing the AMP, is not responsible for the completeness of this appendix, but may do some sampling as part of the investigations and the findings discovered during the physical review).</i></p>		
<p><b>Task Description</b></p>	<p><b>References</b></p>	<p><b>Interval</b> (tick box if the selected interval differs from that required in the referenced document)</p>

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<b>Maintenance due to specific equipment and modifications</b>		
Leaktest+ operational check Altimeter	Einbau und Wartungsanweisung Winter, May 2017 Winter leaktest, TN 3/81	Operational check annually Leak test every 24 months
Leaktest+ operational check Airspeed indicator	Einbau und Wartungsanweisung Winter, Sept 2016 Winter leaktest, TN 3/81	Operational check annually Leak test every 24 months
Transceiver KRT2	User & Installation manual VHF- Communication Transceiver	Operational check of installation, Transceiver = maintenance free
Transponder Garrecht VT-01	Operation Secondary Surveillance Radar Transponder Mode-S and installation manual 14-02-2007	Operational check of installation, Transceiver = maintenance free
<b>Maintenance due to repairs, NOT APPLICABLE</b>		
<b>Maintenance due to life-limited components (This should be only if the MIP is used. Otherwise, this data is already part of the DAH's data used as the basis for the AMP.)</b>		
Safety belt Harness	Gadringer	12 years
<b>Maintenance due to Mandatory Continuing Airworthiness Instructions (ALIs, CMRs, specific requirements in the TCDS, etc.)</b>		
<b>Maintenance recommendations, such as TBO intervals, issued through service bulletins, service letters, and other non-mandatory service information</b>		
FLARM Anti Collision	LX Minibox FLARM manual	Annual software update
<b>Maintenance due to repetitive ADs</b>		
Tost Coupling	LTA-1989-018/3	Annual operational check and cleaning, TBO 2000 cycles
<b>Maintenance due to specific operational/airspace directives/requirements, NOT APPLICABLE</b>		
<b>Maintenance due to the type of operation or operational approvals, NOT APPLICABLE</b>		

<b>Appendix C – Maintenance tasks alternative to the DAH's ICA (not less restrictive than the MIP) (include only if necessary – see Sections 5 above)</b>			
<b>Task Description</b>	<b>Recommended interval</b>	<b>Alternative inspection/task (if adopted with deviations)</b>	<b>Amended interval (if adopted with deviations)</b>
<i>When the DAH's ICA are used as the basis for the AMP, this appendix is used to include the tasks alternative to the DAH's ICA, which are included in the AMP.</i>			
<i>(When a CAMO/CAO is contracted, all elements justifying the deviations from the DAH's ICA should be kept by the CAMO/CAO and the organisation should provide a copy of these justifications to the owner)</i>			
<b>NOT APPLICABLE</b>			

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## INSPECTIE PROGRAMMA

Fabrikant: DG Flugzeugbau	Blad 1 van 3 bladen
Eigenaar: Friese Aeroclub	Type: DG 1000S
Reg.nr.: PH-1557	versie 27-06-2020

	<b>Algemeen</b>	Paraaf
1	Zijn klachten of opmerkingen vermeld en op de juiste wijze afgehandeld	
2	Verhelpen van eventuele tijdelijke voorzieningen en/of reparaties	
3	Uitvoeren van eventuele niet verplichte en verplichte wijzigingen (TM,) ook in de onderhoudsmap en/of vlieghandboek van het vliegtuig.	

### VLIEGTUIG

	<b>Omschrijving</b>	Paraaf
1	Gewicht- en zwaartepuntbepaling elke 4 jaar	
2	Roeruitslagen bepalen (WBH = Wartungs Hand Buch hoofdstuk 1.2 tot 1.4)	
3	Speling en vriegang roeren controleren (WHB hoofdstuk 1.2 tot 0)	
4	Tangentiale speling vleugels controleren ( <b>WHB hoofdstuk 1.11</b> )	

### COCKPIT

	<b>Omschrijving</b>	Paraaf
1	Cockpit schoonmaken en inspecteren	
2	Zitkuip uitbouwen, schoonmaken en inspecteren (beschadigingen)	
3	Kabel ontkoppelhaak inspecteren, evt. vervangen	
4	Zwaartepunthaak en neushaak controleren op roest, beschadiging en werking.	
5	Nog voldoende start over voor het seizoen ( reviseren na 2000 starts)	
6	Kabel voetenstuur verstelling inspecteren, evt. kabel vervangen	
7	Voetenstuur verstelling schoonmaken, smeren	
8	Kabelvoetenstuur controleren (S-geleiding!) smeren met teflonspray (WHB hoofdstuk 4.2)	
9	Trimmechanisme inspecteren, datum controleren ontlasting rubber hoogte sturing vervangen na 6 jaar	
10	Veiligheidsgordels schoonmaken en inspecteren	
11	Gordelsluitingen op roest inspecteren	
12	Datum controleren veiligheidsgordels (reviseren na 12 jaar)	
13	Controleer de kap noodafwerp zoals aangegeven in Vlieghandboek hoofdstuk 7.14	
14	Scharnieren cockpitkap smeren	
15	Opschriften in de cockpit controleren	
16	Besturing controleren op roest en beschadiging, smeren	

### INSTRUMENTEN

	<b>Omschrijving</b>	Paraaf
1	Hoogtemeter: lekttest uitvoeren	
2	Snelheidsmeter: lekttest uitvoeren	
3	Zend/ontvanginstallatie operationele test	
4	Mechanisch vario controleren	
5	Elektronische vario Functie test	
6	Instrumentenpaneel inspecteren op beschadigingen	
7	Aansluitingen en slangen controleren op lekkage, doorgankelijkheid	
8	Kompas controleren bij eerste vlucht	
9	Transponder operationele test	
10	FLARM jaarlijkse software update	

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## INSPECTIE PROGRAMMA

Fabrikant: DG Flugzeugbau	Blad 2 van 3 bladen
Eigenaar: Friese Aeroclub	Type: DG 1000S
Reg.nr.: PH-1557	versie 24-06-2020

### ROMP

	Omschrijving	Paraaf
1	Romphuid controleren op beschadigingen zoals scheuren, krassen, gaten, deuken en delaminatie	
2	Controleer de kielvlak ballast kast (WHB hoofdstuk 1.9) Daglicht noodzakelijk !!!	
3	Beslagen controleren op vriigang en montage in de kunststof constructie (delaminatie)	
4	Alle toegankelijke metaaldelen controleren op beschadigingen en roest	
5	Wiel en wielagers reinigen en smeren + remblok dikte meten	
6	Wielkast en -ophanging schoonmaken, controleer werking wielintreksysteem	
7	Wielas en -ophanging controleren op verbuiging, speling en beschadiging	
8	Bandenspanning (2,5 Bar), - toestand en -profiel controleren	
9	Remwerking controleren en lekkage olie leiding (WHB hoofdstuk 1.6.4) Remolie vervangen na 4 jaar (datum controleren in bedrijfstijdenlijst)	
10	Staartwiel controleren op bevestiging en slijtage	
11	Controleer de kielvlaktank (WHB hoofdstuk 1.8.2)	
12	Automatische aansluitingen controleren op beschadigingen	
13	Trechter automatische aansluiting hoogteroer controleren op beschadigingen	

### VLEUGELS

	Omschrijving	Paraaf
1	Vleugel huid controleren op beschadigingen zoals scheuren, krassen, gaten, deuken en delaminatie	
2	Lak ondervlak schoonmaken en beschermende laag aanbrengen	
3	Beslagen en controleren op vervorming en montage in de kunststof constructie (delaminatie)	
4	Alle toegankelijke metaaldelen controleren op beschadigingen en roest	
5	Automatische aansluitpunten rolroeren en remkleppen controleren	
6	Rolroer scharnieren smeren indien nodig	
7	Spleetafdichting rolroeren evt. vervangen	
8	Remkleppen inspecteren, smeren (WHB hoofdstuk 4.4)	
9	Tipwielen controleren op conditie	

### STABILO, RICHTINGSROER EN HOOGTEROER

	Omschrijving	Paraaf
1	Huid controleren op beschadigingen zoals scheuren, krassen, gaten, deuken en delaminatie	
2	Lak oppervlak schoonmaken en beschermende laag aanbrengen	
3	Beslagen controleren op vrijgang en montage in de kunststof constructie	
4	Alle toegankelijke metaaldelen controleren op beschadigingen en roest	
5	Hoogteroer/ stabilo controleren op reinheid, speling en conditie; smeren	
6	Roller aansluitpunten hoogteroer controleren op beschadigingen	
7	Roerafdichting controleren op conditie (WHB hoofdstuk 1.3.5)	
8	Richtingsroer controleren, kabelbevestiging	
9	Richtingsroer scharnieren controleren op speling	

**LIJST PILOOT/EIGENAAR TAKEN volgens Annex Vb (Part ML.A.803)**

Blad 1 van 3 bladen

ATA	Area	Task
08	Weighing	Recalculation – Small changes of the trim plan without needing a reweighing.
09	Towing	Tow release unit and tow cable retraction mechanism – Cleaning, lubrication and tow cable replacement (including weak links)
		Mirror – Installation and replacement of mirrors.
11	Placards	Placards, Markings – Installation and renewal of placards and markings required by AFM and AMM.
12	Servicing	Lubrication – Those items not requiring a disassembly other than of non-structural items such as cover plates, cowlings and fairings.
20	Standard Practices	Safety Wiring – Replacement of defective safety wiring or cotter keys, excluding those in engine controls, transmission controls and flight control systems.
		Simple Non Structural Standard Fasteners – Replacement and adjustment, excluding the replacement of receptacles and anchor nuts requiring riveting.
		Free play – Measurement of the free play in the control system and the wing to fuselage attachment including minor adjustments by simple means provided by the manufacturer.
21	Air Conditioning	Replacement of flexible hoses and ducts.
23	Communication	Communication devices – Remove and replace self contained, front instrument panel mount communication devices with quick disconnect connectors.
24	Electrical power	Batteries and solar panels – Replacement and servicing.
		Wiring Installation of simple wiring connections to the existing wiring for additional non required equipment such as electric variometers, flight computers but excluding required communication, navigation systems and engine wiring.
		Wiring – Repairing broken circuits in landing light and any other wiring for non required equipment such as electrical variometers or flight computers, excluding ignition system, primary generating system and required communication, navigation system and primary flight instruments.
		Bonding – Replacement of broken bonding cable.
		Switches – This includes soldering and crimping of non required equipment such as electrical variometers or flight computers, but excluding ignition system, primary generating system and required communication, navigation system and primary flight instruments.
		Fuses – Replacement with the correct rating.

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Blad 2 van 3 bladen

ATA	Area	Task
25	Equipment	Safety Belts – Replacement of safety belt and harnesses.
		Seats – Replacement of seats or seat parts not involving disassembly of any primary structure or control system.
		Non essential instruments and/or equipments Replacement of self contained, front instrument panel mount equipment with quick disconnect connectors.
		Removal and installation of non required instruments and/or equipment.
		Wing Wiper, Cleaner – Servicing, removal and reinstallation not involving disassembly or modification of any primary structure, control.
		Static Probes – Removal or reinstallation of variometer static and total energy compensation probes.
		Oxygen System – Replacement of portable oxygen bottles and systems in approved mountings, excluding permanently installed bottles and systems.
		Air Brake Chute – Installation and servicing
		ELT – Removal / Reinstallation.
26	Fire Protection	Fire Warning – Replacement of sensors and indicators.
27	Flight control	Gap Seals – Installation and servicing if it does not require complete flight control removal.
		Control System – Measurement of the control system travel without removing the control surfaces.
		Control Cables – Simple optical inspection for Condition.
		Gas Dampener – Replacement of Gas Dampener in the Control or Air Brake System.
		Co-Pilot stick and pedals removal or reinstallation where provisions for quick disconnect is made by design.
31	Instruments	Instrument Panel– Removal and reinstallation provided this is a design feature with quick disconnect, excluding IFR operations.
		Pitot Static System – Simple sense and leak check.
		Instrument Panel vibration damper / shock absorbers Replacement.
		Drainage – Drainage of water drainage traps or filters within the Pitot static system.
		Flexible tubes Replacement of damaged tubes.
32	Landing gear	Wheels – Removal, replacement and servicing, including replacement of wheel bearings and lubrication.
		Servicing – Replenishment of hydraulic fluid
		Shock Absorber – Replacement or servicing of elastic cords or rubber dampers.

Blad 3 van 3 bladen



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ATA	Area	Task
32	Landing gear	Shock Struts – Replenishment of oil or air.
		Landing gear doors removal or reinstallation and repair including operating straps.
		Ski's – Changing between wheel and ski landing gear.
		Skids – Removal or reinstallation and servicing of main, wing and tail skids.
		Wheels fairing (spats) – Removal and reinstallation.
		Mechanical brakes – Adjustment of simple cable operated systems.
		Brake – Replacement of worn brake pads.
		Springs – Replacement of worn or aged springs.
		Gear Warning – Removal or reinstallation of simple gear warning systems
33	Lights	Lights – Replacement of internal and external bulbs, filaments, reflectors and lenses.
34	Navigation	Software – Updating self contained, front instrument panel mount navigational software databases, excluding automatic flight control systems and transponders and including update of non required instruments / equipments.
		Navigation devices – Removal and replacement of self contained, front instrument panel mount navigation devices with quick disconnect connectors, excluding automatic flight control systems, transponders, primary flight control system.
34	Navigation	Self contained data logger – Installation, data restoration.
51	Structure	Fabric patches – Simple patches extending over not more than one rib and not requiring rib stitching or removal of structural arts or control surfaces.
		Protective Coating – Applying preservative material or coatings where no disassembly of any primary structure or operating system is involved.
		Surface finish – Minor restoration of paint or coating where the under laying primary structure is not affected. This includes application of signal coatings or thin foils as well as Registration marking.
		Fairings – Simple repairs to non structural fairings and cover plates which do not change the contour.
52	Doors	Doors – Removal and re-installation.
53	Fuselage	Upholstery, furnishing – Minor repairs which do not require disassembly of primary structure or operating systems, or interfere with control systems.
56	Windows	Side Windows – Replacement if it does not require riveting, bonding or any special process.
		Canopies – Removal and re-fitment.
		Gas dampener – Replacement of Canopy Gas dampener.
57	Wings	Wing Skids – Removal or re-installation and service of lower wing skids or wing roller including spring assembly.
		Water ballast – Removal or re-installation of flexible tanks.
57	Wings	Turbulator and sealing tapes – Removal or re-installation of approved sealing tapes and turbulator tapes.