

## Maintenance checks report

Checklist Hame			I Cai
Preventive Maintenance Year 7			7
Site	Turbine serial number	Order number	
Language	Revision date checklist	Approval date	
on US	10/15/2024		

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## 1. Tools

Tools				
Group	#	Name	Calibration ID	Remarks
1	1	Hioki BT3554 (Dummy-Adw018)		
	2	STAHLWILLE 130-650Nm (Dummy-Adw015)		
	3	STAHLWILLE 80-400Nm (Dummy-Adw016)		



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## 2. Check details

## 2.1. Checks from the maintenance plan

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AD 5	.135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
1	ATD000233.0: Rotor blade 1 - Oil level pitch gear - In	nspection			
2	ATD000233.1: Rotor blade 2 - Oil level pitch gear - In	nspection			
3	ATD000233.2: Rotor blade 3 - Oil level pitch gear - II	nspection			
4	ATD000234.0: Rotor blade 1 - Pitch gear - Oil sample Barcode number on bottle				
5	ATD000234.1: Rotor blade 2 - Pitch gear - Oil sampl	е			
	Barcode number on bottle				
6	ATD000234.2: Rotor blade 3 - Pitch gear - Oil sampl	e			
	Barcode number on bottle				
7	ATD000236.0: Rotor blade 1 - Position indicators of Inspection	the limit switches -			
8	ATD000236.1: Rotor blade 1 - Activation plate bolts of Test	of the limit switches -			
9	ATD000236.2: Rotor blade 1 - Support and joint elen switches - Inspection	nents of the limit			
10	ATD000236.3: Rotor blade 2 - Position indicators of Inspection	the limit switches -			
11	ATD000236.4: Rotor blade 2 - Activation plate bolts of Test	of the limit switches -			
12	ATD000236.5: Rotor blade 2 - Support and joint elen switches - Inspection	nents of the limit			
13	ATD000236.6: Rotor blade 3 - Position indicators of the limit switches - Inspection				
14	ATD000236.7: Rotor blade 3 - Activation plate bolts of the limit switches - Test				
15	ATD000236.8: Rotor blade 3 - Support and joint elen switches - Inspection	nents of the limit			
16	ATD000241.0: Rotor blade 1 - Blade bearing, pos. A	- Grease sample			
	Barcode number on bottle				



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locati	ion:				
17	ATD000241.1: Rotor blade 1 - Blade bearing, pos. B Barcode number on bottle	- Grease sample			
18	ATD000241.2: Rotor blade 1 - Blade bearing, pos. C Barcode number on bottle	- Grease sample			
19	ATD000241.3: Rotor blade 2 - Blade bearing, pos. A Barcode number on bottle	- Grease sample			
20	ATD000241.4: Rotor blade 2 - Blade bearing, pos. B Barcode number on bottle	- Grease sample			
21	ATD000241.5: Rotor blade 2 - Blade bearing, pos. C Barcode number on bottle	- Grease sample			
22	ATD000241.6: Rotor blade 3 - Blade bearing, pos. A Barcode number on bottle	- Grease sample			
23	ATD000241.7: Rotor blade 3 - Blade bearing, pos. B Barcode number on bottle	- Grease sample			
24	ATD000241.8: Rotor blade 3 - Blade bearing, pos. C Barcode number on bottle	- Grease sample			
25	ATD000242.00: Rotor system - Lubricant collector bo	ottles - Inspection			
26	ATD000242.01: Rotor blade 1 - Lubricant collector boreplace if level >50%	ottles - Inspection and			
	Amount of replaced bottles				
27	ATD000242.02: Rotor blade 2 - Lubricant collector be replace if level >50%	ottles - Inspection and			
	Amount of replaced bottles				
28	Amount of replaced bottles				
	Amount of replaced bottles				
29	ATD000243.0: Rotor blade 1 - External condition of the Inspection	he pitch cabinet -			
30	ATD000243.10: Rotor blade 1 - Wires and connector converter and power supplies 26T1 and 26T5 - Inspe				



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AD 5-	135_1_1_5_Preventive_year_7.0				[0/42]
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
31	ATD000243.11: Rotor blade 1 - Cabinet door closing clamp and general condition - Inspection				
32	ATD000243.12: Rotor blade 1 - Cabinet doors closed	d smoothly - Inspection			
33	ATD000243.13: Rotor blade 2 - Wires and connector converter and power supplies 26T1 and 26T5 - Inspe	•			
34	ATD000243.14: Rotor blade 2 - Cabinet door closing condition - Inspection	clamp and general			
35	ATD000243.15: Rotor blade 3 - Wires and connector converter and power supplies 26T1 and 26T5 - Inspe				
36	ATD000243.16: Rotor blade 3 - Cabinet door closing condition - Inspection	clamp and general			
37	ATD000243.17: Rotor blade 2 - Cabinet doors closed	d smoothly - Inspection			
38	ATD000243.18: Rotor blade 3 - Cabinet doors closed	d smoothly - Inspection			
39	ATD000243.1: Rotor blade 2 - External condition of t Inspection	he pitch cabinet -			
40	ATD000243.2: Rotor blade 3 - External condition of t Inspection	he pitch cabinet -			
41	ATD000243.3: Rotor blade 1 - Pitch drive converter, batteries, terminal connections of the batteries, conn batteries, chopper resistor, starting resistor and grou	ections of the cables to			
42	ATD000243.4: Rotor blade 2 - Pitch drive converter, batteries, terminal connections of the batteries, conn batteries, chopper resistor, starting resistor and grou	ections of the cables to			
43	ATD000243.5: Rotor blade 3 - Pitch drive converter, batteries, terminal connections of the batteries, conn batteries, chopper resistor, starting resistor and grou	ections of the cables to			
44	ATD000243.6: Rotor blade 1 - Battery cabinet tempe	rature - Measure			
	Battery cabinet 1 temperature	°C			
45	ATD000243.7: Rotor blade 2 - Battery cabinet tempe	rature - Measure			
	Battery cabinet 2 temperature	°C			
46	ATD000243.8: Rotor blade 3 - Battery cabinet tempe	rature - Measure			
	Battery cabinet 3 temperature	°C			



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D 5-	135_1_1_5_Preventive_year_7.0				
	Measuring points		Remarks	Tools	Status
ocati	on:				
	ATD000243.9-1: Rotor blade 1 - Voltage and impeda (exFO-S_0384) - Measure	ance of the batteries			
	New batteries?	Yes No			
	BSI (Battery Set Identifier), optional				
	Temperature measured by Hioki	°C			
	1G1 / 1.1 voltage	V			
	1G2 / 1.2 voltage	V			
	1G3 / 1.3 voltage	V			
	1G4 / 2.1 voltage	V			
	1G5 / 2.2 voltage	V			
	1G6 / 2.3 voltage	V			
	1G7 / 3.1 voltage	V			
	1G8 / 3.2 voltage	V			
	1G9 / 3.3 voltage	V			
	1G10 / 4.1 voltage	V			
	1G11 / 4.2 voltage	V			
	1G12 / 4.3 voltage	V			
	1G13 / 5.1 voltage	V			
	1G14 / 5.2 voltage	V			
	1G15 / 5.3 voltage	V			
	1G16 / 6.1 voltage	V			
	1G17 / 6.2 voltage	V			
	1G18 / 6.3 voltage	V			
	1G19 / 7.1 voltage	V			



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AD 5	-135_1_1_5_Preventive_year_7.0				[3/42]
#	Measuring points		Remarks	Tools	Status
Loca	tion:				
	1G20 / 7.2 voltage	V			
	1G21 / 7.3 voltage	V			
	1G22 / 8.1 voltage	V			
	1G23 / 8.2 voltage	V			
	1G24 / 8.3 voltage	V			
	1G25 / voltage	V			
	1G26 / voltage	V			
	1G27 / voltage	V			
	1G28 / voltage	V			
	1G29 / voltage	V			
	1G30 / voltage	V			
	1G1 / 1.1 impedance	mΩ			
	1G2 / 1.2 impedance	mΩ			
	1G3 / 1.3 impedance	mΩ			
	1G4 / 2.1 impedance	mΩ			
	1G5 / 2.2 impedance	mΩ			
	1G6 / 2.3 impedance	mΩ			
	1G7 / 3.1 impedance	mΩ			
	1G8 / 3.2 impedance	mΩ			
	1G9 / 3.3 impedance	mΩ			
	1G10 / 4.1 impedance	mΩ			
	1G11 / 4.2 impedance	mΩ			



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AD 5	ND 5-135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Loca	tion:				
	1G12 / 4.3 impedance	mΩ			
	1G13 / 5.1 impedance	mΩ			
	1G14 / 5.2 impedance	mΩ			
	1G15 / 5.3 impedance	mΩ			
	1G16 / 6.1 impedance	mΩ			
	1G17 / 6.2 impedance	mΩ			
	1G18 / 6.3 impedance	mΩ			
	1G19 / 7.1 impedance	mΩ			
	1G20 / 7.2 impedance	mΩ			
	1G21 / 7.3 impedance	mΩ			
	1G22 / 8.1 impedance	mΩ			
	1G23 / 8.2 impedance	mΩ			
	1G24 / 8.3 impedance	mΩ			
	1G25 / impedance	mΩ			
	1G26 / impedance	mΩ			
	1G27 / impedance	mΩ			
	1G28 / impedance	mΩ			
	1G29 / impedance	mΩ			
	1G30 / impedance	mΩ			
	Leakages	Yes No			
	Cracks	Yes No			
	Bulks	Yes No			



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D 5-	135_1_1_5_Preventive_year_7.0				
	Measuring points		Remarks	Tools	Status
cat	ion:				
3	ATD000243.9-2: Rotor blade 2 - Voltage and impeda (exFO-S_0384) - Measure	ince of the batteries			
	New batteries?	Yes No			
	BSI (Battery Set Identifier), optional				
	Temperature measured by Hioki	°C			
	1G1 / 1.1 voltage	V			
	1G2 / 1.2 voltage	V			
	1G3 / 1.3 voltage	V			
	1G4 / 2.1 voltage	V			
	1G5 / 2.2 voltage	V			
	1G6 / 2.3 voltage	V			
	1G7 / 3.1 voltage	V			
	1G8 / 3.2 voltage	V			
	1G9 / 3.3 voltage	V			
	1G10 / 4.1 voltage	V			
	1G11 / 4.2 voltage	V			
	1G12 / 4.3 voltage	V			
	1G13 / 5.1 voltage	V			
	1G14 / 5.2 voltage	V			
	1G15 / 5.3 voltage	V			
	1G16 / 6.1 voltage	V			
	1G17 / 6.2 voltage	V			
	1G18 / 6.3 voltage	V			
	1G19 / 7.1 voltage	V			



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AD 5	[0/42] ND 5-135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locat	iion:				
	1G20 / 7.2 voltage	V			
	1G21 / 7.3 voltage	V			
	1G22 / 8.1 voltage	V			
	1G23 / 8.2 voltage	V			
	1G24 / 8.3 voltage	V			
	1G25 / voltage	V			
	1G26 / voltage	V			
	1G27 / voltage	V			
	1G28 / voltage	V			
	1G29 / voltage	V			
	1G30 / voltage	V			
	1G1 / 1.1 impedance	mΩ			
	1G2 / 1.2 impedance	mΩ			
	1G3 / 1.3 impedance	mΩ			
	1G4 / 2.1 impedance	mΩ			
	1G5 / 2.2 impedance	mΩ			
	1G6 / 2.3 impedance	mΩ			
	1G7 / 3.1 impedance	mΩ			
	1G8 / 3.2 impedance	mΩ			
	1G9 / 3.3 impedance 1G10 / 4.1 impedance	mΩ			
	1G11 / 4.2 impedance	mΩ			
	1311/4.2 impedance	mΩ			



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AD 5	-135_1_1_5_Preventive_year_7.0				[9/42]
#	Measuring points		Remarks	Tools	Status
Loca	tion:				
	1G12 / 4.3 impedance	mΩ			
	1G13 / 5.1 impedance	mΩ			
	1G14 / 5.2 impedance	mΩ			
	1G15 / 5.3 impedance	mΩ			
	1G16 / 6.1 impedance	mΩ			
	1G17 / 6.2 impedance	mΩ			
	1G18 / 6.3 impedance	mΩ			
	1G19 / 7.1 impedance	mΩ			
	1G20 / 7.2 impedance	mΩ			
	1G21 / 7.3 impedance	mΩ			
	1G22 / 8.1 impedance	mΩ			
	1G23 / 8.2 impedance	mΩ			
	1G24 / 8.3 impedance	mΩ			
	1G25 / impedance	mΩ			
	1G26 / impedance	mΩ			
	1G27 / impedance	mΩ			
	1G28 / impedance	mΩ			
	1G29 / impedance	mΩ			
	1G30 / impedance	mΩ			
	Leakages	Yes No			
	Cracks	Yes			
	Bulks	Yes No			



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D 5-	135_1_1_5_Preventive_year_7.0				
	Measuring points		Remarks	Tools	Status
cat	ion:				
9	ATD000243.9-3: Rotor blade 3 - Voltage and impeda (exFO-S_0384) - Measure	nce of the batteries			
	New batteries?	Yes No			
	BSI (Battery Set Identifier), optional				
	Temperature measured by Hioki	°C			
	1G1 / 1.1 voltage	V			
	1G2 / 1.2 voltage	V			
	1G3 / 1.3 voltage	V			
	1G4 / 2.1 voltage	V			
	1G5 / 2.2 voltage	V			
	1G6 / 2.3 voltage	V			
	1G7 / 3.1 voltage	V			
	1G8 / 3.2 voltage	V			
	1G9 / 3.3 voltage	V			
	1G10 / 4.1 voltage	V			
	1G11 / 4.2 voltage	V			
	1G12 / 4.3 voltage	V			
	1G13 / 5.1 voltage	V			
	1G14 / 5.2 voltage	V			
	1G15 / 5.3 voltage	V			
	1G16 / 6.1 voltage	V			
	1G17 / 6.2 voltage	V			
	1G18 / 6.3 voltage	V			
	1G19 / 7.1 voltage	V			



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AD 5	-135_1_1_5_Preventive_year_7.0				11/42]
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
	1G20 / 7.2 voltage	V			
	1G21 / 7.3 voltage	V			
	1G22 / 8.1 voltage	V			
	1G23 / 8.2 voltage	V			
	1G24 / 8.3 voltage	V			ı
	1G25 / voltage	V			ı
	1G26 / voltage	V			
	1G27 / voltage	V			ı
	1G28 / voltage	V			ı
	1G29 / voltage	V			ı
	1G30 / voltage	V			
	1G1 / 1.1 impedance	mΩ			ı
	1G2 / 1.2 impedance	mΩ			ı
	1G3 / 1.3 impedance	mΩ			ı
	1G4 / 2.1 impedance	mΩ			
	1G5 / 2.2 impedance	mΩ			ı
	1G6 / 2.3 impedance	mΩ			
	1G7 / 3.1 impedance	mΩ			
	1G8 / 3.2 impedance	mΩ			
	1G9 / 3.3 impedance	mΩ			
	1G10 / 4.1 impedance	mΩ			
	1G11 / 4.2 impedance	mΩ			



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AD 5-	-135_1_1_5_Preventive_year_7.0				12/42]
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
	1G12 / 4.3 impedance	mΩ			
	1G13 / 5.1 impedance	mΩ			
	1G14 / 5.2 impedance	mΩ			
	1G15 / 5.3 impedance	mΩ			
	1G16 / 6.1 impedance	mΩ			
	1G17 / 6.2 impedance				
	1G18 / 6.3 impedance	mΩ			
	1G19 / 7.1 impedance	mΩ			
	1G20 / 7.2 impedance	mΩ			
	1G21 / 7.3 impedance	mΩ			
	1G22 / 8.1 impedance	mΩ			
	1G23 / 8.2 impedance	mΩ			
	1G24 / 8.3 impedance	mΩ			
	1G25 / impedance	mΩ			
		mΩ			
	1G26 / impedance	mΩ			
	1G27 / impedance	mΩ			
	1G28 / impedance	mΩ			
	1G29 / impedance	mΩ			
	1G30 / impedance	mΩ			
	Leakages	Yes No			
	Cracks	Yes No			
	Bulks	Yes No			
50	ATD000277.0: Yaw system - Yaw gear A - Oil sample	 e			
	Barcode number on bottle				



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
ŧ	Measuring points			Remarks	Tools	Status
ocat	ion:					
51	ATD000277.10: Ya	aw system - Yaw gear F - Oil samp	ole			
	Barcode number on l	pottle				
52	ATD000277.12: Ya	aw system - Yaw gear G - Oil sam	ple			
	Barcode number on l	pottle				
3	ATD000277.14: Ya	aw system - Yaw gear H - Oil sam <sub>l</sub>	ple			
	Barcode number on I	pottle				
54	ATD000277.2: Yaw system - Yaw gear B - Oil sample		е			
	Barcode number on I	pottle				
55	ATD000277.4: Yav	w system - Yaw gear C - Oil sampl	e			
	Barcode number on I	pottle				
6	ATD000277.6: Yaw system - Yaw gear D - Oil sample					
	Barcode number on l	pottle				
57	ATD000277.8: Yav	w system - Yaw gear E - Oil sampl	e			
	Barcode number on l	pottle				
58	ATD000278.0: Yav	w system - Yaw gear A oil level - N	1easure			
	Yaw gear A oil level l	before refill/drain	mm			
	Yaw gear A oil level i	n range?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
9	ATD000278.1: Yav	w system - Yaw gear B oil level - N	<b>l</b> easure			
	Yaw gear B oil level l	before refill/drain	mm			
	Yaw gear B oil level i	n range?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	lled next visit (Case created)			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locat	on:					
60	ATD000278.2: Yav	w system - Yaw gear C oil level - N	Measure			
	Yaw gear C oil level	before refill/drain				
	Yaw gear C oil level i	in range?	mm			
	1	in range:	Yes, it was as needed			
	2		Yes, after refill			
	3	No has to be refi	lled next visit (Case created)			
	J	No, has to be ren	lied flext visit (Case Cleated)			
61		w system - Yaw gear D oil level - N	/leasure			
	Yaw gear D oil level	before refill/drain	mm			
	Yaw gear D oil level	in range?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
62	ΔΤΠ000278 <i>Δ</i> : Vav	w system - Yaw gear E oil level - N	Measure			
-	Yaw gear E oil level I					
			mm			
	Yaw gear E oil level i	n range?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
63	ATD000278.5: Yav	w system - Yaw gear F oil level - M	Measure			
	Yaw gear F oil level b	pefore refill/drain				
	Yaw gear F oil level i	n range?	mm			
	1	ango.	Yes, it was as needed			
	2		Yes, after refill			
	3	No has to be refi	lled next visit (Case created)			
		INO, Has to be fell	iled flext visit (oase created)			



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Measuring points  Measuring year Goll level before refilledmain mm  Yaw gear Goll level before refilledmain mm  Yaw gear Goll level in range?  Yes, it was as needed  Yes, after refill  No, has to be refilled next visit (Case created)  ATD000278.7: Yaw system - Yaw gear H oil level - Measure  Yaw gear H oil level before refilledrain mm  Yaw gear H oil level in range?  Yes, it was as needed  Yes, after refill  No, has to be refilled next visit (Case created)  ATD000280.00: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000282.2: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Rotor brake disk (360) - Inspection  ATD000287.0: Rotor brake - Rotor brake disk (360) - Inspection  ATD000287.0: Rotor brake - Brake gads - Inspection  ATD000287.0: Rotor brake - Brake gads - Inspection  ATD000287.0: Rotor brake - Rotor brake disk (360) - Inspection	AD 5-	-135_1_1_5_Preventiv	e_year_7.0				
ATD00028.6: Yaw system - Yaw gear G oil level - Measure Yaw gear G oil level before refill(drain No. has to be refilled next visit (Case created)  ATD000278.7: Yaw system - Yaw gear H oil level - Measure Yaw gear H oil level before refill/drain No. has to be refilled next visit (Case created)  ATD000278.7: Yaw system - Yaw gear H oil level - Measure Yaw gear H oil level before refill/drain nmm Yaw gear H oil level in range?  Yes, it was as needed 2 Yes, after refill 3 No. has to be refilled next visit (Case created)  ATD000280.00: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000282.1: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Cylinders and hydraulic hoses - Inspection  ATD000285.1: Rotor lock - Sensor cables - Inspection  ATD000285.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection	#	Measuring points			Remarks	Tools	Status
Yaw gear G oil level before refillidrain  Yaw gear G oil level in range?  1 Yes, it was as needed 2 Yes, after refill 3 No, has to be refilled next visit (Case created)  85 ATD000278.7: Yaw system - Yaw gear H oil level - Measure Yaw gear H oil level before refillidrain  Yaw gear H oil level before refillidrain  Yaw gear H oil level before refillidrain  No, has to be refilled next visit (Case created)  86 ATD000280.00: Rotor lock - Engagement holes - Inspection  87 ATD000280.01: Rotor lock - Cylinders - Inspection  88 ATD000280.02: Rotor lock - Pins - Inspection  89 ATD000280.03: Rotor lock - Pins engaged - Inspection  90 ATD000280.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  91 ATD000282.2: Rotor lock - Sensor cables - Inspection  92 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  93 ATD000285.0: Rotor brake - Callipers - Test  94 ATD000285.1: Rotor brake - Brake pads - Inspection  95 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on botte  96 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection	Locat	ion:					
Yaw gear G oil level in range?  Yes, it was as needed Yes, after refit  Yes, it was as needed Yes, after refit  No, has to be refitled next visit (Case created)  ATD000278.7: Yaw system - Yaw gear H oil level - Measure Yaw gear H oil level before refitledrain Imm Yaw gear H oil level in range?  Yes, it was as needed Yes, after refitl Yes, it was as needed Yes, after refitl No, has to be refitled next visit (Case created)  ATD000280.00: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000280.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle	64	ATD000278.6: Yav	v system - Yaw gear G oil level - N	Measure			
Yaw gear G oil level in range?  1		Yaw gear G oil level	before refill/drain				
1 Yes, it was as needed 2 Yes, after refill 3 No. has to be refilled next visit (Case created) 65 ATD000278.7: Yaw system - Yaw gear H oil level - Measure Yaw gear H oil level before refill/drain		Yaw gear G oil level i	in range?	111111			
ATD000280.02: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Callipers - Test  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection			in range.	Yes, it was as needed			
ATD000280.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000283.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.0: Rotor brake - Brake pads - Inspection		2					
ATD000280.02: Rotor lock - Cylinders - Inspection  ATD000282.1: Rotor lock - Pins engaged - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection							
Yaw gear H oil level before refill/drain  Yaw gear H oil level in range?  1		3	No, has to be refi	lled next visit (Case created)			
Yes, it was as needed  2 Yes, after refill  3 No, has to be refilled next visit (Case created)  66 ATD000280.00: Rotor lock - Engagement holes - Inspection  67 ATD000280.01: Rotor lock - Cylinders - Inspection  68 ATD000280.02: Rotor lock - Pins - Inspection  69 ATD000280.03: Rotor lock - Pins engaged - Inspection  70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  71 ATD000282.2: Rotor lock - Sensor cables - Inspection  72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  73 ATD000285.1: Rotor brake - Callipers - Test  74 ATD000285.1: Rotor brake - Brake pads - Inspection  75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection	65	ATD000278.7: Yaw system - Yaw gear H oil level - Measure					
Yaw gear Holl level in range?  1 Yes, it was as needed 2 Yes, after refill 3 No, has to be refilled next visit (Case created)  66 ATD000280.00: Rotor lock - Engagement holes - Inspection  67 ATD000280.01: Rotor lock - Cylinders - Inspection  68 ATD000280.02: Rotor lock - Pins - Inspection  69 ATD000280.03: Rotor lock - Pins engaged - Inspection  70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  71 ATD000282.2: Rotor lock - Sensor cables - Inspection  72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  73 ATD000285.0: Rotor brake - Callipers - Test  74 ATD000285.1: Rotor brake - Brake pads - Inspection  75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection		Yaw gear H oil level l	before refill/drain	mm			
1 Yes, it was as needed 2 Yes, after refill 3 No, has to be refilled next visit (Case created) 66 ATD000280.00: Rotor lock - Engagement holes - Inspection 67 ATD000280.01: Rotor lock - Cylinders - Inspection 68 ATD000280.02: Rotor lock - Pins - Inspection 69 ATD000280.03: Rotor lock - Pins engaged - Inspection 70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection 71 ATD000282.2: Rotor lock - Sensor cables - Inspection 72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection 73 ATD000285.0: Rotor brake - Callipers - Test 74 ATD000285.1: Rotor brake - Brake pads - Inspection 75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle 76 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection		Yaw gear H oil level i	n range?				
No, has to be refilled next visit (Case created)  ATD000280.00: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection		1		Yes, it was as needed			
No, has to be refilled next visit (Case created)  ATD000280.00: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection		2		Yes after refill			
ATD000280.01: Rotor lock - Engagement holes - Inspection  ATD000280.01: Rotor lock - Cylinders - Inspection  ATD000280.02: Rotor lock - Pins - Inspection  ATD000280.03: Rotor lock - Pins engaged - Inspection  ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection							
67 ATD000280.01: Rotor lock - Cylinders - Inspection 68 ATD000280.02: Rotor lock - Pins - Inspection 69 ATD000280.03: Rotor lock - Pins engaged - Inspection 70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection 71 ATD000282.2: Rotor lock - Sensor cables - Inspection 72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection 73 ATD000285.0: Rotor brake - Callipers - Test 74 ATD000285.1: Rotor brake - Brake pads - Inspection 75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle 76 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection		3	No, has to be refil	lled next visit (Case created)			
ATD000280.02: Rotor lock - Pins - Inspection  69 ATD000280.03: Rotor lock - Pins engaged - Inspection  70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  71 ATD000282.2: Rotor lock - Sensor cables - Inspection  72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  73 ATD000285.0: Rotor brake - Callipers - Test  74 ATD000285.1: Rotor brake - Brake pads - Inspection  75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample  Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360') - Inspection	66	ATD000280.00: Ro	otor lock - Engagement holes - Ins	pection			
ATD000280.03: Rotor lock - Pins engaged - Inspection  70 ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  71 ATD000282.2: Rotor lock - Sensor cables - Inspection  72 ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  73 ATD000285.0: Rotor brake - Callipers - Test  74 ATD000285.1: Rotor brake - Brake pads - Inspection  75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample  Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	67	ATD000280.01: Ro	otor lock - Cylinders - Inspection				
ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample  Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	68	ATD000280.02: Ro	otor lock - Pins - Inspection				
ATD000282.1: Rotor lock - Cylinders and hydraulic hoses - Inspection  ATD000282.2: Rotor lock - Sensor cables - Inspection  ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample  Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	69	ATD000280 03: R	otor lock - Pins engaged - Inspecti	on			
ATD000285.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection		741 B000200.00. 140					
ATD000283.0: Rotor brake - Callipers and drainage circuits - Inspection  ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	70	ATD000282.1: Rot	or lock - Cylinders and hydraulic h	noses - Inspection			
ATD000285.0: Rotor brake - Callipers - Test  ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	71	ATD000282.2: Rot	or lock - Sensor cables - Inspection	on			
ATD000285.1: Rotor brake - Brake pads - Inspection  ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	72	ATD000283.0: Rot	or brake - Callipers and drainage	circuits - Inspection			
75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	73	ATD000285.0: Rot	or brake - Callipers - Test				
75 ATD000286.0: Oil supply system - HG01, pos. 190.1 - Oil sample Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	74	ATD000005 4 D 4					
Barcode number on bottle  76 ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	74	A1D000285.1: Rot	or brake - Brake pads - Inspection	1			
76 ATD000297.0: Rotor brake - Rotor brake disk (360°) - Inspection	75	ATD000286.0: Oil	supply system - HG01, pos. 190.1	- Oil sample			
		Barcode number on b	pottle				
77 ATD000297.1: Rotor brake - Brake disk (360°) wear - Inspection	76	ATD000297.0: Rot	or brake - Rotor brake disk (360°)	- Inspection			
	77	ATD000297.1: Rot	or brake - Brake disk (360°) wear	- Inspection			



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#	Measuring points	Remarks	Tools	Status
Loca	ion:		<u> </u>	
78	ATD000308.0: Yaw system - Gear grease collection tray - Inspection			
79	ATD000308.1: Yaw system - Bearing grease collection tray - Inspection			
80	ATD000309.0: Rotor brake - Drainage pipes - Inspection			
81	ATD000309.1: Rotor brake - Oil presence inside the drainage pipes - Inspection			
82	ATD000311.0: Wind turbine system - Emergency stop button at NC300 - Test			
83	ATD000311.1: Wind turbine system - Emergency stop button at NC320 - Test			
84	ATD000311.2: Wind turbine system - Emergency stop button at TBC300 - Test			
85	ATD000311.3: Wind turbine system - Emergency stop button at TBC00 - Test			
86	ATD000311.4: Wind turbine system - Emergency stop button at TBC202 - Test			
87	ATD000311.5: Wind turbine system - Emergency stop button at converter - Test			
88	ATD000311.7: Wind turbine system - Emergency stop button at TBC200 - Test			
89	ATD000313.0: Outer platform - Cooler platform - Inspection			
90	ATD000319.0: Tower - Ground meshes between TP and S3 - Inspection			
91	ATD000319.1: Tower - Ground meshes between S3 and S2 - Inspection			
92	ATD000319.2: Tower - Ground meshes between S2 and S1 - Inspection			
93	ATD000334.0: Platform 7 - All bolts (450 Nm) of the union between the lateral supports and the tower - Retighten and fill screw protocol			
94	ATD000334.2: Platform 7 - Accessible bolts (250 Nm), from the lift hatchway, of the lower bolted joints between the supports and the platform - Retighten and fill screw protocol			
95	ATD000334.4: Platform 7 - Rest of the lower bolted joints between the supports and the platform - Inspection and fill screw protocol			
96	ATD000334.5: Platform 6 - All bolts (450 Nm) of the union between the lateral supports and the tower - Retighten and fill screw protocol			
97	ATD000334.7: Platform 6 - Accessible bolts (250 Nm), from the lift hatchway, of the lower bolted joints between the supports and the platform - Retighten and fill screw protocol			
98	ATD000334.9: Platform 6 - Rest of the lower bolted joints between the supports and the platform - Inspection and fill screw protocol			



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Measuring points		Remarks	Tools	Status		
on:						
ATD000335.0: Oil supply system - Magnets - Inspect	ion					
ATD000339.00: Oil supply system - Whole structure	- Inspection					
ATD000341.0: Oil supply system - Oil level - Measure Oil level						
ATD000342.0: Yaw system - Trays - Inspection						
ATD000342.1: Yaw system - Trays - Clean						
ATD000355.0: Rotor brake - Hydraulic components of side) - Inspection	of calliper 1 and 2 (right					
ATD000355.15: Rotor brake - Seals around the callip	pers - Inspection					
ATD000355.1: Rotor brake - Hydraulic components of calliper 5 and 6 (left side) - Inspection						
ATD000355.2: Rotor brake - Hydraulic components of side) - Inspection	of calliper 3 and 4 (upper					
ATD000355.3: Rotor brake - Mechanical components (right side) - Inspection	s of calliper 1 and 2					
•	s of calliper 5 and 6 (left					
ATD000355.5: Rotor brake - Mechanical components (upper side) - Inspection	s of calliper 3 and 4					
ATD000355.6: Rotor brake - Hoses and fittings of call - Inspection	lliper 1 and 2 (right side)					
ATD000355.7: Rotor brake - Hoses and fittings of cal Inspection	lliper 5 and 6 (left side) -					
ATD000355.8: Rotor brake - Hoses and fittings of calside) - Inspection	lliper 3 and 4 (upper					
ATD000357.0: Rotor bearing - Seals - Inspection						
ATD000359.0: Hydraulic system - Hoses and fittings	- Inspection					
ATD000359.1 : Hydraulic system - Mechanical comp	onents - Inspection					
ATD000359.2 : Hydraulic system - All components -	Inspection					
ATD000360.0: Hydraulic system - Hydraulic tank - Oi Barcode number on bottle	il sample					
	Measuring points  ion:  ATD000335.0: Oil supply system - Magnets - Inspect ATD000339.00: Oil supply system - Whole structure ATD000341.0: Oil supply system - Oil level - Measur Oil level Number of running pumps  ATD000342.0: Yaw system - Trays - Inspection ATD000342.1: Yaw system - Trays - Clean ATD000355.0: Rotor brake - Hydraulic components oside) - Inspection ATD000355.1: Rotor brake - Seals around the callip ATD000355.1: Rotor brake - Hydraulic components oside) - Inspection ATD000355.2: Rotor brake - Hydraulic components oside) - Inspection ATD000355.3: Rotor brake - Mechanical components (right side) - Inspection ATD000355.4: Rotor brake - Mechanical components oside) - Inspection ATD000355.5: Rotor brake - Mechanical components (upper side) - Inspection ATD000355.6: Rotor brake - Hoses and fittings of call Inspection ATD000355.7: Rotor brake - Hoses and fittings of call Inspection ATD000355.8: Rotor brake - Hoses and fittings of call Inspection ATD000355.9: Rotor brake - Hoses and fittings of call Inspection ATD000355.9: Rotor brake - Hoses and fittings of call Inspection ATD000355.9: Rotor brake - Hoses and fittings of call Inspection ATD000359.1: Hydraulic system - Hoses and fittings ATD000359.2: Hydraulic system - Hoses and fittings ATD000359.2: Hydraulic system - All components - ATD000359.2: Hydraulic system - Hydraulic tank - O	Measuring points  on:  ATD000335.0: Oil supply system - Magnets - Inspection  ATD000339.00: Oil supply system - Whole structure - Inspection  ATD000341.0: Oil supply system - Oil level - Measure  Oil level  Number of running pumps  ATD000342.0: Yaw system - Trays - Inspection  ATD000342.1: Yaw system - Trays - Clean  ATD000355.0: Rotor brake - Hydraulic components of calliper 1 and 2 (right side) - Inspection  ATD000355.1: Rotor brake - Hydraulic components of calliper 5 and 6 (left side) - Inspection  ATD000355.2: Rotor brake - Hydraulic components of calliper 3 and 4 (upper side) - Inspection  ATD000355.3: Rotor brake - Hydraulic components of calliper 1 and 2 (right side) - Inspection  ATD000355.4: Rotor brake - Mechanical components of calliper 5 and 6 (left side) - Inspection  ATD000355.5: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.5: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.6: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000355.8: Rotor brake - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000355.9: Rotor brake - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000355.1: Hydraulic system - Hoses and fittings - Inspection  ATD000359.1: Hydraulic system - Hoses and fittings - Inspection  ATD000359.2: Hydraulic system - Mechanical components - Inspection  ATD000359.2: Hydraulic system - Hydraulic tank - Oil sample	Measuring points  on:  ATD000335.0: Oil supply system - Magnets - Inspection  ATD000339.00: Oil supply system - Whole structure - Inspection  ATD000339.00: Oil supply system - Whole structure - Inspection  ATD000341.0: Oil supply system - Oil level - Measure Oil level  ATD000342.0: Yaw system - Trays - Inspection  ATD000342.1: Yaw system - Trays - Clean  ATD000355.0: Rotor brake - Hydraulic components of calliper 1 and 2 (right side) - Inspection  ATD000355.1: Rotor brake - Hydraulic components of calliper 5 and 6 (left side) - Inspection  ATD000355.2: Rotor brake - Hydraulic components of calliper 3 and 4 (upper side) - Inspection  ATD000355.3: Rotor brake - Mechanical components of calliper 1 and 2 (right side) - Inspection  ATD000355.4: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 1 and 2 (right side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000350.8: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000350.9: Hydraulic system - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000359.0: Hydraulic system - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000359.0: Hydraulic system - Hoses and fittings of calliper 5 and 6 (left side) - Inspection  ATD000359.0: Hydraulic system - Hydraulic system - Hydraulic tank - Oil sample	Measuring points  ATD000335.0: Oil supply system - Magnets - Inspection  ATD000339.00: Oil supply system - Whole structure - Inspection  ATD000341.0: Oil supply system - Oil level - Measure Oil level Number of running pumps  ATD000342.0: Yaw system - Trays - Inspection  ATD000342.1: Yaw system - Trays - Clean  ATD000342.1: Yaw system - Trays - Clean  ATD000355.0: Rotor brake - Hydraulic components of calliper 1 and 2 (right side) - Inspection  ATD000355.1: Rotor brake - Seals around the callipers - Inspection  ATD000355.2: Rotor brake - Hydraulic components of calliper 5 and 6 (left side) - Inspection  ATD000355.2: Rotor brake - Hydraulic components of calliper 1 and 2 (right side) - Inspection  ATD000355.3: Rotor brake - Mechanical components of calliper 5 and 6 (left side) - Inspection  ATD000355.4: Rotor brake - Mechanical components of calliper 5 and 6 (left side) - Inspection  ATD000355.5: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.6: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Mechanical components of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 1 and 2 (right side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000355.7: Rotor brake - Hoses and fittings of calliper 3 and 4 (upper side) - Inspection  ATD000359.0: Hydraulic system - Hoses and fittings - Inspection  ATD000359.1: Hydraulic system - Mechanical components - Inspection  ATD000359.0: Hydraulic system - All components - Inspection  ATD000359.0: Hydraulic system - Hydraulic tank - Oil sample		



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#	Measuring points			Remarks	Tools	Status
Locat	ion:					
119	ATD000361.0: Hyd	draulic system - Tank breather filte	r - Replace			
120	ATD000361.1: Hyd	draulic system - Pressure filters - R	Replace			
121	ATD000361.2: Hyd	draulic system - Return line filter - I	Replace			
122	ATD000362.0: Hyd	draulic system - Oil level - Inspection	on			
	Oil level (before refill)		I			
	Oil level in range?					
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
123	ATD000394.0: Generator cooling system - All pipelines, compensator, heat exchange and other components of both cooling units - Inspection					
124	ATD000394.1: Generator cooling system - All pumps, compensators, pipelines and other components of the midsection - Inspection					
125	ATD000394.2: Generator cooling system - All pipelines around generator - Inspection					
126	ATD000394.3: Generator cooling system - All pipelines around cellar - Inspection					
127	ATD000395.0: Inst	allation system - TBC300 - Inspec	tion			
128	ATD000395.1: Inst	allation system - TBC202 - Inspec	tion			
129	ATD000395.2: Inst	allation system - TBC201 - Inspec	tion			
130	ATD000395.3: Inst	allation system - TBC200 - Inspec	tion			
131	ATD000395.4: Inst	allation system - TBC00 - Inspecti	on			
132	ATD000395.5: Installation system - TBC200 switch drives for -20Q2M1, -21Q2M1 and -24Q2M1 - Inspection					
133	ATD000398.0: Inst	allation system - NC300 - Inspecti	on			
134	ATD000398.1: NC	300 - Electrical components and c	able glands - Inspection			
135	ATD000398.2: Inst	allation system - NC320 - Inspecti	on			
136	ATD000398.3: NC	320 - Electrical components and c	able glands - Inspection			



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ŧ	Measuring points			Remarks	Tools	Status
ocati	on:					
137	ATD000401.0: Hel	icopter platform - Beacon 1 - Inspe	ection			
138	ATD000401.1: Hel	icopter platform - Beacon 2 - Inspe	ection			
139	ATD000401.2: Hel	icopter platform - Beacon 1 - Test				
140	ATD000401.3: Hel	icopter platform - Beacon 2 - Test				
141	ATD000405.0: Hyd	draulic accumulator - Rotor lock 57	0.1 - Measure			
	Nitrogen pressures before refill bar					
	Nitrogen pressures a	t 50 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
142	ATD000405.10: Hydraulic accumulator - Yaw brake 740.4 - Measure					
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	t 120 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
143	ATD000405.12: H	draulic accumulator - Rotor brake	920.1 - Measure			
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	t 90 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
144	ATD000405.14: H	/draulic accumulator - Rotor brake	920.2 - Measure			
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	essures at 90 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locat	ion:					
145	ATD000405.16: Hy	ydraulic accumulator - O-ring and o	connections - Inspection			
146	ATD000405.17: Hy connections - Inspe	ydraulic accumulator - Accumulato ection	r's body and			
147	ATD000405.2: Hyd	draulic accumulator - Rotor lock 57	0.2 - Measure			
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	t 50 ±2.5 bar?				
	1 Yes, it was as needed					
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
148	ATD000405.4: Hyd	draulic accumulator - Yaw brake 74	40.1 - Measure			
	Nitrogen pressures before refill  bar  Nitrogen pressures at 120 ±2.5 bar?		bar			
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
149	ATD000405.6: Hyd	draulic accumulator - Yaw brake 74	40.2 - Measure			
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	t 120 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
150	ATD000405.8: Hyd	draulic accumulator - Yaw brake 74	40.3 - Measure			
	Nitrogen pressures b	efore refill	bar			
	Nitrogen pressures a	t 120 ±2.5 bar?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refil	led next visit (Case created)			
151	ATD000425.0: NC	300 - Bolts - Inspection				
152	ATD000425.1: NC	320 - Bolts - Inspection				
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AD 5-	:135_1_1_5_Preventive_year_7.0			L	Z 1/4Z]
#	Measuring points	_	Remarks	Tools	Status
Locat	ion:				
153	ATD000426.0: TBC300 - Bolts - Inspection				
154	ATD000426.1: TBC202 - Bolts - Inspection				
155	ATD000426.2: TBC201 - Bolts - Inspection				
156	ATD000426.3: TBC200 - Bolts - Inspection				
157	ATD000426.4: TBC00 - Bolts - Inspection				
158	ATD000428.0: Ventilation system - Compensator between P1 8 Inspection	ß P2 -			
159	ATD000428.1: Ventilation system - Compensator on P3 - Inspe	ection			
160	ATD000428.2: Ventilation system - Compensators (3) on P4 - I	nspection			
161	ATD000428.3: Ventilation system - Compensator on P5 - Inspe	ection			
162	ATD000429.0: Ventilation system - Motor 1 - Auditory inspectio	n			
163	ATD000429.1: Ventilation system - Motor 2 - Auditory inspectio	n			
164	ATD000429.2: Ventilation system - Air intake humidity - Measu	re			
	Air intake humidity	%			
165	ATD000429.3: Ventilation system - Differential pressure - Inspe	ection			
	Differential pressure	Pa			
166	ATD000443.0: Equipotential bonding systems - Yaw slip ring ca (mechanical part) - Inspection	arbon brush 1			
167	ATD000443.1: Equipotential bonding systems - Yaw slip ring ca (mechanical part) - Inspection	arbon brush 2			
168	ATD000443.2: Equipotential bonding systems - Yaw slip ring ca (mechanical part) 3 - Inspection	arbon brush			
169	ATD000443.3: Equipotential bonding systems - Yaw slip ring ca	arbon brush 1			
	Carbon brush 1 length	mm			
170	ATD000443.4: Equipotential bonding systems - Yaw slip ring ca	arbon brush 2			
	Carbon brush 2 length	mm			



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AD 5	ND 5-135_1_1_5_Preventive_year_7.0				
#	Measuring points	Remarks	Tools	Status	
Locat	ion:				
171	ATD000443.5: Equipotential bonding systems - Yaw slip ring carbon brush 3 - Inspection and measure				
	Carbon brush 3 length	n			
172	ATD000445.0: Equipotential bonding systems - Heli deck handrail - Inspection				
173	ATD000445.1: Equipotential bonding systems - Nacelle grounding straps - Inspection				
174	ATD000445.2: Equipotential bonding systems - Upper nacelle lightning rods Inspection				
175	ATD000445.3: Equipotential bonding systems - Lateral nacelle lightning rods - Inspection				
176	ATD000445.4: Equipotential bonding systems - Lower nacelle lightning rods Inspection				
177	ATD000445.5: Equipotential bonding systems - Nacelle back side lightning rods - Inspection				
178	ATD000445.6: Equipotential bonding systems - Cellar platform lightning rods - Inspection				
179	ATD000445.7: Equipotential bonding systems - Grounding strap bolted connection - Inspection				
180	ATD000446.0: UPS - Surge arresters - Inspection				
181	ATD000446.2: Rotor blade 1 - VAL-MS 320/3+1/FM surge arrester of the pitch cabinet - Inspection				
182	ATD000446.3: Rotor blade 1 - PT 3-PB-ST surge arresters (x2) of the pitch cabinet - Inspection				
183	ATD000488.0: Rotor blade 1 - Bearing central lubrication system and elements - Inspection				
184	ATD000488.10: Rotor blade 3 - Bearing central lubrication pinion is greased Inspection				
185	ATD000488.11: Rotor blade 3 - Bearing pinions area of work is greased - Inspection				
186	ATD000488.12: Blade bearing - Centralized lubrication system - Auditory inspection				



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AD 5-	135_1_1_5_Preventiv	e_year_7.0			L	
#	Measuring points			Remarks	Tools	Status
Locat	ion:					
187	ATD000488.1: Rot reset strokes, if ne	or blade 1 - Grease tank for the b cesarry	lade bearing - Refill and			
	Grease level before r	refill	%			
	Grease level in range	9?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
188	ATD000488.3: Rot	or blade 1 - Bearing central lubric	ation pinion is greased -			
189						
190						
191						
		rease level before refill  %				
	Grease level in range	e?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
192	ATD000488.8: Rot Inspection	or blade 2 - Bearing central lubric	ation pinion is greased -			
193	ATD000488.9: Rot Inspection	or blade 2 - Bearing pinions area	of work is greased -			
194	ATD000493.0: Rot	or system - Fan pitch converter 1	- Inspection			
195	ATD000493.1: Rot	or system - Fan pitch converter 2	- Inspection			
196	ATD000493.2: Rot	or system - Fan pitch converter 3	- Inspection			
197	ATD000497.00: Of	ffline oil bypass - Filter cartridge -	Replace			
198	ATD000498.0: Light fixations - Inspection	htning current measurement syste	em - Antennas and			
199	ATD000498.1: Light	htning current measurement syste	em - Control box -			
200	ATD000498.2: Light system - Test	htning current measurement syste	em - Lightning sensor			
					•	•



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AD 5-	135_1_1_5_Preventiv	re_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locati	on:					
201	ATD000521.0: Coi	nverter - External coolers - Inspect	tion			
202	ATD000521.2: Coi	nverter - Fans of the external cool	ers - Test			
203	ATD000523.0: Air	treatment system - Pocket filters -	Inspection			
204	ATD000523.1: Air	treatment system - Cassette filters	s - Inspection			
205	ATD000551.0: Yav	w system - Thickness of brake pac	d 1 - Measure			
	Thickness of Svendb	org brake pad 1	mm			
	Thickness of Stroma	g brake pad 1				
	1		Green			
	2		Yellow			
	3		Red			
206	ATD000551.10: Ya	aw system - Thickness of brake pa	ad 11 - Measure			
	Thickness of Svendb	org brake pad 11	mm			
	Thickness of Stroma	g brake pad 11				
	1		Green			
	2		Yellow			
	3		Red			
207	ATD000551.11: Ya	aw system - Thickness of brake pa	ad 12 - Measure			
	Thickness of Svendb	org brake pad 12	mm			
	Thickness of Stroma	g brake pad 12				
	1		Green			
	2		Yellow			
	3		Red			
208	ATD000551.12: Ya	aw system - Thickness of brake pa	ad 13 - Measure			
	Thickness of Svendb	org brake pad 13	mm			
	Thickness of Stroma	g brake pad 13				
	1		Green			
	2		Yellow			
	3		Red			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locati	ion:				1	
209	ATD000551.13: Ya	aw system - Thickness of brake pa	id 14 - Measure			
	Thickness of Svendb	org brake pad 14	mm			
	Thickness of Stroma	g brake pad 14	mm			
	1	g	Green			
	2		Yellow			
	3		Red			
210	ATD000551.14: Ya	aw system - Thickness of brake pa	d 15 - Measure			
	Thickness of Svendb	org brake pad 15	mm			
	Thickness of Stroma	g brake pad 15				
	1		Green			
	2		Yellow			
	3		Red			
	3		Reu			
211		aw system - Thickness of brake pa	d 16 - Measure			
	Thickness of Svendb	org brake pad 16	mm			
	Thickness of Stroma	g brake pad 16				
	1		Green			
	2		Yellow			
	3		Red			
212	ATD000554.40: V	This large of hards and	147 M			
Z 1 Z	Thickness of Svendb	aw system - Thickness of brake pa org brake pad 17	ld 17 - Measure			
	Trilokiless of everlas	org brane pad 17	mm			
	Thickness of Stroma	g brake pad 17				
	1		Green			
	2		Yellow			
	3		Red			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locat	ion:				1	
213	ATD000551.17: Ya	aw system - Thickness of brake pa	id 18 - Measure			
	Thickness of Svendb	org brake pad 18				
	Thickness of Stromag	g brake pad 18	mm			
	1	g State page 10	Green			
	2		Yellow			
	3		Red			
214	ATD000551.1: Yav	w system - Thickness of brake pad	2 - Measure			
	Thickness of Svendb	org brake pad 2	mm			
	Thickness of Stromag	g brake pad 2				
	1		Green			
	2		Yellow			
	2					
	3		Red			
215		w system - Thickness of brake pad	3 - Measure			
	Thickness of Svendb	org brake pad 3	mm			
	Thickness of Stromag	g brake pad 3				
	1		Green			
	2		Yellow			
	3		Red			
040						
216	Thickness of Svendb	w system - Thickness of brake pad	4 - Measure			
	Trilckiless of Sverido	org brake pau 4	mm			
	Thickness of Stroma	g brake pad 4				
	1		Green			
	2		Yellow			
	3		Red			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locati	on:					
217	ATD000551.4: Yav	w system - Thickness of brake pad	I 5 - Measure			
	Thickness of Svendb	org brake pad 5				
	Thickness of Stromag	a braka pad E	mm			
	Thickness of Stromag	у втаке рац э	Green			
	2		Yellow			
	3		Red			
218	ATD000551.5: Yav	w system - Thickness of brake pad	l 6 - Measure			
	Thickness of Svendb	org brake pad 6				
	Thickness of Stromag	g brake nad 6	mm			
	1	g brane pad o	Green			
	2		Yellow			
	3		Red			
219	ATD000551.6: Yav	w system - Thickness of brake pad	l 7 - Measure			
	Thickness of Svendb	org brake pad 7	mm			
	Thickness of Stromag	n brake nad 7	mm			
	1		Green			
	2					
	2		Yellow			
	3		Red			
220	ATD000551.7: Yav	w system - Thickness of brake pad	l 8 - Measure			
	Thickness of Svendb	org brake pad 8	mm			
	Thickness of Stromag	g brake pad 8	111111			
	1		Green			
	2		Yellow			
	3		Red			



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AD 5-	135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locat	ion:					
221	ATD000551.8: Yaw system - Thickness of brake pad 9 - Measure					
	Thickness of Svendb	org brake pad 9	mm			
	Thickness of Stromag	g brake pad 9	mm			
	1		Green			
	2		Yellow			
	3		Red			
222	ATD000551.9: Yav	w system - Thickness of brake pac	l 10 - Measure			
	Thickness of Svendb	org brake pad 10	mm			
	Thickness of Stromag	g brake pad 10				
	1		Green			
	2		Yellow			
	3		Red			
223	ATD000556.0: Hyd pressure at MB	Hydraulic system - Valve 500 (Rotor lock applied) - Check				
	Pressure at MB					
			bar			
224	pressure at MA	draulic system - Valve 490 (Rotor i	unlocked) - Check			
	Pressure at MA					
			bar			-
225	applied) - Check p	draulic system - Valves 860.1 & 86 ressure at M2 and M4 and in Visu 5.1 & 905.2 (Hydac)				
	Pressure at M2					
	Pressure at M4		bar			
	Trocours at Wi		bar			
	Pressure in Visu 900	.1 (Hydratech) or 905.1 (Hydac)	bar			
	Pressure in Visu 900	.2 (Hydratech) or 905.2 (Hydac)	bar			
226	ATD000556 3: Hvo	draulic system - Valve 670.1 and 6				
	_	activated) - Check pressure at M1				
	Pressure at M1 (750.	1)	bar			
	Pressure at M3 (750.	2)				
			bar			



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AD 5-	135_1_1_5_Preventive_year_7.0				
ŧ	Measuring points		Remarks	Tools	Status
ocat	ion:				
	Pressure at 720.1	bar			
	Pressure at 720.2	bar			
227	ATD000556.4: Hydraulic system - Valves 320.1 and 350.4 and 350.5 closed and pump 1 running) - Check switch 360				
	Pressure at digital switch 360	bar			
228	ATD000556.5: Hydraulic system - Valves 320.1 and 350.4 and 350.5 closed and pump 2 running) - Checl switch 360				
	Pressure at digital switch 360	bar			
229	ATD000556.6: Hydraulic system - Ball valves 290.1, Inspection	590 and 1080 -			
230	ATD000591.0: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 1 - Blade bearing - Inspection				
231	ATD000591.1: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 1 - Blade bearing teeth involved - Inspection				
232	ATD000591.2-10: (WK09, WK10, WK32, WK45, WKblade 1 - Blade bearing 0° tooth -20 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
233	ATD000591.2-11: (WK09, WK10, WK32, WK45, WKblade 1 - Blade bearing 0° tooth -30 left side gap - Mo				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
234	ATD000591.2-12: (WK09, WK10, WK32, WK45, WKblade 1 - Blade bearing 0° tooth -30 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
235	ATD000591.2-1: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth left side gap - Measu				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
236	ATD000591.2-2: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 1 - Blade bearing 0° tooth right side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
237	ATD000591.2-3: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 1 - Blade bearing 0° tooth +1 left side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
238	ATD000591.2-4: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth +1 right side gap - M				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
239	ATD000591.2-5: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth -1 left side gap - Mea	· ·			
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	-135_1_1_5_Preventive_year_7.0				
ŧ	Measuring points		Remarks	Tools	Status
.ocat	ion:				
240	ATD000591.2-6: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth -1 right side gap - Mo	· · · · · · · · · · · · · · · · · · ·			
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
241	ATD000591.2-7: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth -10 left side gap - Me	· · · · · · · · · · · · · · · · · · ·			
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
242	ATD000591.2-8: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth -10 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
243	ATD000591.2-9: (WK09, WK10, WK32, WK45, WK4blade 1 - Blade bearing 0° tooth -20 left side gap - Ma	•			
	Gap upper position	mm			
	Gap middle position  Gap lower position	mm			
	Gap lower position	mm			
244	ATD000591.3: (WK09, WK10, WK32, WK45, WK46, blade 2 - Blade bearing - Inspection	WK49, WK69) Rotor			
245	ATD000591.4: (WK09, WK10, WK32, WK45, WK46, blade 2 - Blade bearing teeth involved - Inspection	WK49, WK69) Rotor			
246	ATD000591.5-10: (WK09, WK10, WK32, WK45, WK45) blade 2 - Blade bearing 0° tooth -20 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locati	on:				
247	ATD000591.5-11: (WK09, WK10, WK32, WK45, WKblade 2 - Blade bearing 0° tooth -30 left side gap - Mo				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
248	8 ATD000591.5-12: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 2 - Blade bearing 0° tooth -30 right side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
249	ATD000591.5-1: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 2 - Blade bearing 0° tooth left side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
250	ATD000591.5-2: (WK09, WK10, WK32, WK45, WK4 blade 2 - Blade bearing 0° tooth right side gap - Meas				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
251	ATD000591.5-3: (WK09, WK10, WK32, WK45, WK4 blade 2 - Blade bearing 0° tooth +1 left side gap - Me				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
252	ATD000591.5-4: (WK09, WK10, WK32, WK45, WK4blade 2 - Blade bearing 0° tooth +1 right side gap - M				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
253	ATD000591.5-5: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 2 - Blade bearing 0° tooth -1 left side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
254	4 ATD000591.5-6: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 2 - Blade bearing 0° tooth -1 right side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
255	ATD000591.5-7: (WK09, WK10, WK32, WK45, WK4blade 2 - Blade bearing 0° tooth -10 left side gap - Mc				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
256	ATD000591.5-8: (WK09, WK10, WK32, WK45, WK4blade 2 - Blade bearing 0° tooth -10 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locati	ion:				
257	ATD000591.5-9: (WK09, WK10, WK32, WK45, WK4 blade 2 - Blade bearing 0° tooth -20 left side gap - Mo				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
258	ATD000591.6: (WK09, WK10, WK32, WK45, WK46, blade 3 - Blade bearing - Inspection	WK49, WK69) Rotor			
259	ATD000591.7: (WK09, WK10, WK32, WK45, WK46, blade 3 - Blade bearing teeth involved - Inspection	WK49, WK69) Rotor			
260	ATD000591.8-10: (WK09, WK10, WK32, WK45, WKblade 3 - Blade bearing 0° tooth -20 right side gap - N	· · · · · · · · · · · · · · · · · · ·			
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
261	ATD000591.8-11: (WK09, WK10, WK32, WK45, WKblade 3 - Blade bearing 0° tooth -30 left side gap - Mc	· · · · · · · · · · · · · · · · · · ·			
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
262	ATD000591.8-12: (WK09, WK10, WK32, WK45, WK blade 3 - Blade bearing 0° tooth -30 right side gap - N				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
263	ATD000591.8-1: (WK09, WK10, WK32, WK45, WK4 blade 3 - Blade bearing 0° tooth left side gap - Measu				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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AD 5-	135_1_1_5_Preventive_year_7.0				
ŧ	Measuring points		Remarks	Tools	Status
.ocati	on:				
264	ATD000591.8-2: (WK09, WK10, WK32, WK45, WK4 blade 3 - Blade bearing 0° tooth right side gap - Meas				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
265	ATD000591.8-3: (WK09, WK10, WK32, WK45, WK4 blade $3$ - Blade bearing $0^\circ$ tooth +1 left side gap - Me				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
266	TD000591.8-4: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor lade 3 - Blade bearing 0° tooth +1 right side gap - Measure ap upper position				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
267	ATD000591.8-5: (WK09, WK10, WK32, WK45, WK4 blade 3 - Blade bearing 0° tooth -1 left side gap - Me				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			
268	ATD000591.8-6: (WK09, WK10, WK32, WK45, WK4 blade 3 - Blade bearing 0° tooth -1 right side gap - M				
	Gap upper position	mm			
	Gap middle position	mm			
	Gap lower position	mm			



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#	Measuring points		Remarks	Tools	Status
Locat	ion:				
269	ATD000591.8-7: (WK09, WK10, WK32, WK45, WK4 blade 3 - Blade bearing 0° tooth -10 left side gap - Mo				
	Gap upper position				
		mm			
	Gap middle position	mm			
	Gap lower position				
		mm			
270	blade 3 - Blade bearing 0° tooth -10 right side gap - Measure				
	Gap upper position	mm			
	Gap middle position	mm			
	Cap middle position	mm			
	Gap lower position	mm			
271	ATD000591.8-9: (WK09, WK10, WK32, WK45, WK46, WK49, WK69) Rotor blade 3 - Blade bearing 0° tooth -20 left side gap - Measure				
	Gap upper position	mm			
	Gap middle position	11111			
	Cap madic posidon	mm			
	Gap lower position	mm			
272	ATD000044.0: Date: brake, Callings 4. Class	11111			
272	ATD000614.0: Rotor brake - Calliper 1 - Clean				
273	ATD000614.10: Rotor brake - Calliper 3 - Clean				
274	ATD000614.13: Rotor brake - Thickness of rotor brakside) - Measure	ke pad calliper 3 (rotor			
	Wear of rotor brake pad calliper 3 (rotor side)	mm			
	Wear of rotor brake pad calliper 3 (rotor side) picture				
	Image card				
275	ATD000614.14: Rotor brake - Thickness of rotor brak (generator side) - Measure	ke pad calliper 3			
	Wear of rotor brake pad calliper 3 (generator side)	mm			
	Wear of rotor brake pad calliper 3 (generator side) picture	11111			
	Image card				
276	ATD000614.15: Rotor brake - Calliper 4 - Clean				



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AD 5-	135_1_1_5_Preventive_year_7.0				
#	Measuring points		Remarks	Tools	Status
Locat	ion:				
277	ATD000614.18: Rotor brake - Thickness of rotor brak side) - Measure	ke pad calliper 4 (rotor			
	Wear of rotor brake pad calliper 4 (rotor side)	mm			
	Wear of rotor brake pad calliper 4 (rotor side) picture Image card				
278	ATD000614.19: Rotor brake - Thickness of rotor brak (generator side) - Measure	ke pad calliper 4			
	Wear of rotor brake pad calliper 4 (generator side)	mm			
	Wear of rotor brake pad calliper 4 (generator side) picture Image card				
279	ATD000614.20: Rotor brake - Calliper 5 - Clean				
280	ATD000614.23: Rotor brake - Thickness of rotor brak side) - Measure	ke pad calliper 5 (rotor			
	Wear of rotor brake pad calliper 5 (rotor side)	mm			
	Wear of rotor brake pad calliper 5 (rotor side) picture Image card				
281	ATD000614.24: Rotor brake - Thickness of rotor brak (generator side) - Measure	ke pad calliper 5			
	Wear of rotor brake pad calliper 5 (generator side)	mm			
	Wear of rotor brake pad calliper 5 (generator side) picture Image card				
282	ATD000614.25: Rotor brake - Calliper 6 - Clean				
283	ATD000614.28: Rotor brake - Thickness of rotor brakside) - Measure	ke pad calliper 6 (rotor			
	Wear of rotor brake pad calliper 6 (rotor side)	mm			
	Wear of rotor brake pad calliper 6 (rotor side) picture Image card				
284	ATD000614.29: Rotor brake - Thickness of rotor brak (generator side) - Measure	ke pad calliper 6			
	Wear of rotor brake pad calliper 6 (generator side)	mm			
	Wear of rotor brake pad calliper 6 (generator side) picture Image card				



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\D 5-	135_1_1_5_Preventive_year_7.0				
£	Measuring points		Remarks	Tools	Status
.ocati	on:				
	ATD000614.30: Rotor brake - Rotor brake, sensors f module - Inspection	ixations to the Beckhoff			
	Module of the right side picture				
	Module of the left side picture				
	Module of the upper side picture				
286	ATD000614.31: Rotor brake - Rotor brake pad, resis - Measure	tance of the connectors			
	Resistance between pin 1 and 2	Ohm			
	Resistance between pin 1 and 3	Ohm			
	Resistance between pin 1 and 4	Ohm			
	Resistance between pin 2 and 3	Ohm			
	Resistance between pin 2 and 4	Ohm			
	Resistance between pin 3 and 4	Ohm			
	ATD000614.3: Rotor brake - Thickness of rotor brake side) - Measure	e pad calliper 1 (rotor			
	Wear of rotor brake pad calliper 1 (rotor side)	mm			
	Wear of rotor brake pad calliper 1 (rotor side) picture Image card				
	ATD000614.4: Rotor brake - Thickness of rotor brake	e pad calliper 1			
	(generator side) - Measure	s pad dampor .			
	Wear of rotor brake pad calliper 1 (generator side)	mm			
	Wear of rotor brake pad calliper 1 (generator side) picture				
	Image card				
289	ATD000614.5: Rotor brake - Calliper 2 - Clean				
	ATD000614.8: Rotor brake - Thickness of rotor brake side) - Measure	e pad calliper 2 (rotor			
	Wear of rotor brake pad calliper 2 (rotor side)	mm			
	Wear of rotor brake pad calliper 2 (rotor side) picture Image card				



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AD 5-	135_1_1_5_Preventive_year_7.0			39/42]
#	Measuring points	Remarks	Tools	Status
Locat	on:			
291	ATD000614.9: Rotor brake - Thickness of rotor brake pad calliper 2 (generator side) - Measure			
	Wear of rotor brake pad calliper 2 (generator side) mm			
	Wear of rotor brake pad calliper 2 (generator side) picture Image card			
292	ATD000615.0: Installation system - Emergency light of P7 - Test			
293	ATD000615.1: Installation system - Emergency light of P6 - Test			
294	ATD000615.2: Installation system - Emergency light of P5 - Test			
295	ATD000615.3: Installation system - Emergency light of P4 - Test			
296	ATD000615.4: Installation system - Emergency light of S2 and S1 - Test			
297	ATD000615.5: Installation system - Emergency light of P3 - Test			
298	ATD000615.6: Installation system - Emergency light of P2 - Test			
299	ATD000615.7: Installation system - Emergency light of P1 - Test			
300	ATD000615.8: Installation system - Emergency light of lower deck - Test			
301	ATD000615.9: Installation system - Emergency light of nacelle - Test			
302	ATD000638.0: Drive train system - Surface of the gearbox - Inspection			
303	ATD000638.10: Drive train system - Torque arms of the gearbox - Inspection			
304	ATD000638.12: Drive train system - Rotor hollow shaft and the center tube interface (from inside the hub) - Inspection			
305	ATD000638.13: Drive train system - Rotor bearing - Inspection			
306	ATD000638.5: Drive train system - Surface of the hollow shaft (from inside the hub) - Inspection			
307	ATD000638.7: Drive train system - O-ring between the gearbox housing and the callipers plate - Inspection			
308	ATD000638.8: Drive train system - O-ring between the brake disc and the callipers plate - Inspection			
309	ATD000642.0: Rotor blade 1 - Encoder, encoder support, wires, teeth and connector - Inspection			
310	ATD000642.1: Rotor blade 2 - Encoder, encoder support, wires, teeth and connector - Inspection			



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AD 5-	-135_1_1_5_Preventiv	e_year_7.0				
#	Measuring points			Remarks	Tools	Status
Locat	Location:					
311	ATD000642.2: Rotor blade 3 - Encoder, encoder support, wires, teeth and connector - Inspection		pport, wires, teeth and			
312	ATD000643.0: Hub	b - Central lubrication components	s - Inspection			
313	ATD000643.10: Ro Inspection	otor blade 2 - Lubrication pinion &	pinion support -			
314	ATD000643.12: Ro Inspection	otor blade 3 - Lubrication pinion &	pinion support -			
315	ATD000643.14: Roinspection	otor blade 3 - Central lubrication of	omponents - Auditory			
316	ATD000643.15: Roinspection	otor blade 2 - Central lubrication of	omponents - Auditory			
317	ATD000643.16: Roinspection	otor blade 1 - Central lubrication of	omponents - Auditory			
318	ATD000643.17: Rotor blade 3 - Lubrication system relief valve - Inspection					
319	ATD000643.18: Rotor blade 2 - Lubrication system relief valve - Inspection					
320	ATD000643.19: Rotor blade 1 - Lubrication system relief valve - Inspection					
321	ATD000643.1: Rot and reset strokes,	tor blade 1 - Grease tank for the bl if necesarry	lade gear rims - Refill			
	Grease level before r	refill	%			
	Grease level in range	e?				
	1		Yes, it was as needed			
	2		Yes, after refill			
	3	No, has to be refi	lled next visit (Case created)			
322	ATD000643.4: Rot	tor blade 2 - Grease tank for the bl	lade bearing - Inspection			
323	ATD000643.5: Rot and reset strokes,	tor blade 2 - Grease tank for the bl	lade gear rims - Refill			
	Grease level before refill  %  Grease level in range?					
	1		Yes, it was as needed			
	2	2 Yes, after refill				
	3	No, has to be refi	lled next visit (Case created)			
324	ATD000643.8: Rot	tor blade 1 - Lubrication pinion & p	inion support - Inspection			



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AD 5-	AD 5-135_1_1_5_Preventive_year_7.0					
#	Measuring points		Remarks	Tools	Status	
Locat	ion:					
325	ATD000670.0: Lightning protection blade 1 - Sheath	of LPS cable - Inspection				
326	ATD000670.1: Lightning protection blade 1 - Connec cable in the bearing - Inspection	tion point of the LPS				
327	ATD000670.2: Lightning protection blade 1 - Bolted journal connections - Inspection	oint of the electrical				
328	ATD000670.3: Lightning protection blade 2 - Sheath	of LPS cable - Inspection				
329	ATD000670.4: Lightning protection blade 2 - Connec cable in the bearing - Inspection	tion point of the LPS				
330	ATD000670.5: Lightning protection blade 2 - Bolted junctions - Inspection	oint of the electrical				
331	ATD000670.6: Lightning protection blade 3 - Sheath	of LPS cable - Inspection				
332	ATD000670.7: Lightning protection blade 3 - Connec cable in the bearing - Inspection	tion point of the LPS				
333	ATD000670.8: Lightning protection blade 3 - Bolted joint of the electrical connections - Inspection					
334	ATD000691.0: Brake disk - Upper grounding reels - Inspection					
335	ATD000691.1: Brake disk - Right grounding reels - Inspection					
336	ATD000691.2: Brake disk - Left grounding reels - Ins	pection				
337	ATD000692.0: Rotor blade 1 - Pitch motor brushes -	Inspection				
338	ATD000692.10: Rotor blade 3 - Pitch motor brushes	- Inspection				
339	ATD000692.11: Rotor blade 3 - Pitch motor brushes	wear - Measure				
	Length of the shortest carbon brush	mm				
340	ATD000692.12: Rotor blade 3 - Pitch motor slip ring	traces - Inspection				
341	ATD000692.1: Rotor blade 1 - Pitch motor brushes w	ear - Measure				
	Length of the shortest carbon brush	mm				
342	ATD000692.2: Rotor blade 1 - Pitch motor slip ring tr	aces - Inspection				
343	ATD000692.5: Rotor blade 2 - Pitch motor brushes -	Inspection				
344	ATD000692.6: Rotor blade 2 - Pitch motor brushes w	/ear - Measure				
	Length of the shortest carbon brush	mm				



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AD 5	-135_1_1_5_Preventive_year_7.0			
#	Measuring points	Remarks	Tools	Status
Locat	ion:			
345	ATD000692.7: Rotor blade 2 - Pitch motor slip ring traces - Inspection			
346	ATD000693.0: Rotor blade 1 - Pitch motor collector room - Clean			
347	ATD000693.1: Rotor blade 2 - Pitch motor collector room - Clean			
348	ATD000693.2: Rotor blade 3 - Pitch motor collector room - Clean			
349	ATD000695.0: Rotor blade 1 - Pitch motor and gearbox - Inspection			
350	ATD000695.1: Rotor blade 2 - Pitch motor and gearbox - Inspection			
351	ATD000695.2: Rotor blade 3 - Pitch motor and gearbox - Inspection			
352	ATD000704.0: ventilation system - Drainage conduits on TP - Inspection			
353	ATD000704.1: ventilation system - Drainage conduits on P7 - Inspection			
354	ATD000704.2: ventilation system - Drainage conduits on P6 - Inspection			
355	ATD000704.3: ventilation system - Drainage conduits on P5 - Inspection			
356	ATD000704.4: ventilation system - Drainage conduits on P4 - Inspection			
Locat	iion: Tower			
357	ATD000704.5: Transition piece - Main transformer oil spill conduit and barrel - Inspection			
358	ATD000704.6: P7 - Main transformer oil spill conduit - Inspection			
Locat	ion:			
359	ATD000719.0: Air treatment system - Ball siphon valves - Inspection			
360	ATD000719.1: Air treatment system - Ball siphon valves - Test			