

Nicht ohne Checkliste in der Allgemeinen Luftfahrt

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Warum Checklisten ?

PART-ORO “ORO.GEN.110 Operator responsibilities” -
VERANTWORTLICHKEIT -> OPERATOR

ORO.GEN.110 Operator responsibilities

Regulation (EU) 2019/1384

- (h) The operator shall establish a checklist for each aircraft type to be used by crew members in all phases of flight under normal, abnormal and emergency conditions in order to ensure that the operating procedures in the operations manual are followed. The design and the usage of checklists shall observe human factors principles and take into account the latest relevant documentation from the design approval holder.

Sind Vereine verantwortlich?

PART-ORO “ORO.GEN.105 Competent authority”

ORO.GEN.105 Competent authority

Regulation (EU) No 379/2014

For the purpose of this Annex, the competent authority exercising oversight over operators subject to a certification or declaration obligation or specialised operation authorisation shall be for operators having their principal place of business in a Member State, the authority designated by that Member State.

VEREINE SIND KEINE OPERATOR PER ORO.GEN.105!

Ist der PIC verantwortlich?

PART-NCO “NCO.GEN.105

Pilot-in-command responsibilities and authority”

NCO.GEN.105 Pilot-in-command responsibilities and authority

Regulation (EU) 2018/1975

- (a) The pilot-in-command shall be responsible for:
 - (3) ensuring that all operational procedures and checklists are complied with as referred to in 1.b of Annex IV to Regulation (EC) No 216/2008;

Der PIC ist verantwortlich!

AMC1 NCO.GEN.105(a)(3)

“Pilot-in-command responsibilities and authority”

AMC1 NCO.GEN.105(a)(3) Pilot-in-command responsibilities and authority

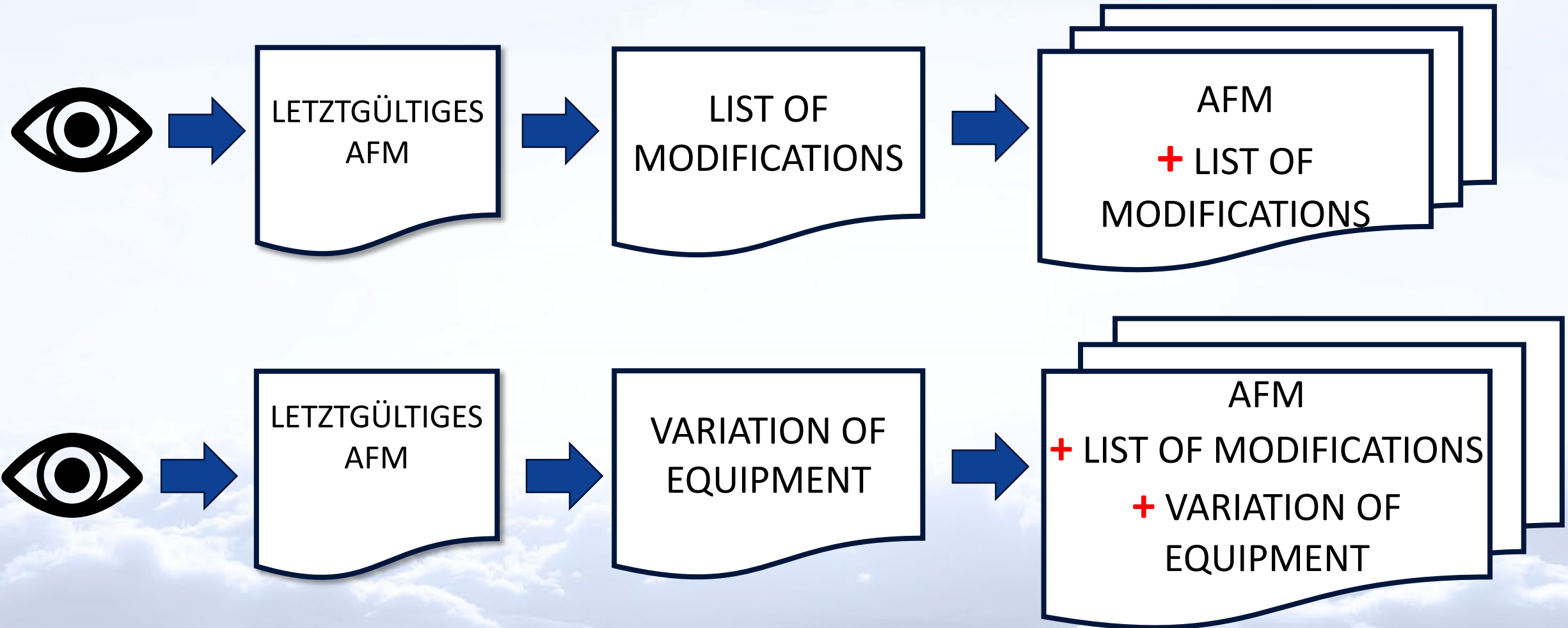
ED Decision 2022/005/R

CHECKLISTS

- (a) The pilot-in-command should use the latest checklists provided by the manufacturer.
- (b) If checks conducted prior to take-off are suspended at any point, the pilot-in-command should restart them from a safe point prior to the interruption.


VEREINE/HALTER KÖNNEN DEN PILOTEN UNTERSTÜTZEN!

Basis der Erstellung einer Checkliste:



Erstellung von Checklisten:

EXAMPLE LIST OF MODIFICATIONS

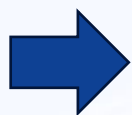
General		 Diamond AIRCRAFT		DA 40 AFM
Modification	Source	Installed		
Operation with Winter Kit	OÄM 40-078	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Door Locking System	OÄM 40-081	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
NLG Speedkit	OÄM 40-105	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
MLG Speedkit	OÄM 40-106	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Essential Tie Relay Bypass	OÄM 40-126	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Baggage Extension	OÄM 40-163	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Baggage Tray*	OÄM 40-164	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Winter Baffle Fresh Air Inlet	OÄM 40-183	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Nose Landing Gear Tie-Down	OÄM 40-200	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Electrical Rudder Pedal Adjustment	OÄM 40-251	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Front Seats with Adjustable Backrest	OÄM 40-252	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
CO Monitor	OÄM 40-253	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Autopilot Static Source	OÄM 40-267	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Tall Main Landing Gear	OÄM 40-283	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
ELT Artex ME 406 "ACE"	OÄM 40-284	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
MT P-860-23 Governor	OÄM 40-289	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Emergency Axe	OÄM 40-326	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Front seats with adjustable backrest - Hydrolok	OÄM 40-375	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
Emergency Egress Hammer	OÄM 40-401	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
GTX 345R	OÄM 40-1003	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
MD302 Standby Attitude Module	OÄM 40-1025	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	

EXAMPLE VARIATION OF EQUIPMENT

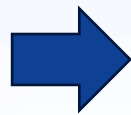
9.2 LIST OF SUPPLEMENTS

Airplane S/N:		Registration:		Date:		
Sup. No.	Title	Rev. No.	Date	Applicable		
				YES	NO	
A1	COMM/NAV, KX 125 Bendix/King	1	20-Apr-2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A2	Intercom System, Model PM 1000 II PS Engineering, Inc.	2	15-Mar-2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A3	Transponder, KT 76A Bendix/King	1	20-Apr-2001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A4	GPS, KLN 89B Bendix/King	1	20-Apr-2001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A5	Course Deviation Indicator, KI 208 Bendix/King	1	20-Apr-2001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
A6	GPS, KLN94 (VFR Operation) Bendix/King	2	09-Sep-2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A7	Audio Amplifier / Intercom / Marker Beacon Receiver, KMA 28 Bendix/King	1	20-Apr-2001	<input type="checkbox"/>	<input type="checkbox"/>	
A8	VHF Communication/Navigation Transceivers, KX 155A and KX 165A Bendix/King	2	03-Oct-2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

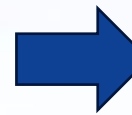
Erstellung von Checklisten:



LETZTGÜLTIGES
AFM



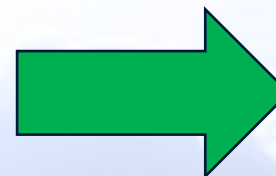
CHANGES:
STC
MINOR
MAJOR



AFM
+ LIST OF MODIFICATIONS
+ VARIATION OF EQUIPMENT
+ STC/MINOR/MAJOR



AFM
+ LIST OF MODIFICATIONS
+ VARIATION OF EQUIPMENT
+ STC/MINOR/MAJOR



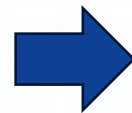
DIAMOND DA20C1 ECLIPSE PREFLIGHT	
RUNUP	
1. Parking Brake	SET
2. Seat Belts	ON
3. Rear Door	CHECK CLOSED & LATCHED
4. Canopy	CLOSED & LATCHED
5. Canopy Unlock Warning Light	OFF
6. Flight Controls	FREE & CORRECT
7. GPS & Avionics	SET
8. Fuel Shut Off	OPEN
9. Fuel Selector	FULLST
10. Fuel Quantity Indicator	CHECK
11. Fuel Prime	OFF
12. Fuel Pump	ON
13. Alternate Air	CLOSED
14. Engine Instruments	CHECK
15. Oil Temperature	MP/MINUM 75°C
16. Oil Pressure	CHECK (30 - 60 PSI)
17. Mixture	1700 RPM
18. Throttle	WCH
19. Magneto(s)	LEFT, BOTH, RIGHT, BOTH
⚠ Under 100 RPM drop in each magneto & maximum 75 RPM differential!	
20. Circuit Breakers	CHECK
21. Alternator Load	CHECK
22. Vacuum Gauge	GREEN
23. Throttle	CLE
24. Mixture	LEAN (50 RPM RSD)

DIAMOND DA20C1 ECLIPSE FIRE OR SMOKE	
CABIN/ELECTRICAL FIRE IN FLIGHT	
1. Emergency Descent	INITIATE
2. GEN/BAT Master	OFF
3. Cabin Heat & Defrost	OFF
4. Cabin Air	CLOSED
5. Fire Extinguisher	ACTIVATE
⚠ If fire is NOT completely extinguished...	
6. Land	IMMEDIATELY
⚠ If fire is completely extinguished...	
6. Cabin Air	FULL OPEN
7. Emergency Descent	TERMINATE
8. Divert	NEAREST ALTERNATE
9. Smoke & Fume Eliminator	PERFORM (p. 26)
⚠ Electronic or avionics equipments required for continued flight...	
10. Avionics Master	OFF
11. Electrical Equipment	OFF
12. All CBs	PULL
⚠ Note any popped circuit breakers do not reset.	
⚠ Perform following steps once at a time...	
13. Battery CB	PUSH IN
14. BAT Master	ON
15. GEN & GEN Control CBs	PUSH IN
16. GEN/BAT Master	ON
17. Avionics Master CB	PUSH IN
18. Avionics Control CB	PUSH IN
19. Avionics Master	ON
20. Radio(s)	MIN POSSIBLE ON

Erstellung von "SPEC"-Checklisten:

SICHERHEITSRISIKO		SCHWEREGRAD				
		Katastrophal	Gefährlich	Signifikant	Geringfügig	Vernachlässigbar
FREQUENZ	Häufig	5A	5B	5C	5D	5E
	Manchmal	4A	4B	4C	4D	4E
	Selten	3A	3B	3C	3D	3E
EINTRITTSWAHRSCHEINLICHKEIT	Unwahrscheinlich	2A	2B	2C	2D	2E
	Extrem Unwahrscheinlich	1A	1B	1C	1D	1E

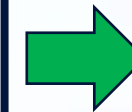
GENERIC RISK ASSESSMENT



CHECKLISTE

+ OPERATIONAL PROCEDURES

+ "NCO.SPEC.105 CHECKLIST"



NCO.SPEC

GLIDER TOWING

PARACHUTE OPERATIONS

ADVERTISING FLIGHTS

AEROBATIC FLIGHTS

...

Richtige Checkliste = Flugsicherheit

- KEINE PUNKTE AUS AFM RESPEKTIVE STC WEGLASSEN
- SEQUENZEN EINHALTEN
NICHT EIGENMÄCHTIG ÄNDERN
- WENN SPEZIFISCH AUF EIN KENNZEICHEN
ZUGESCHNITTEN WIRD => DIESES ANGEBEN
- HINWEIS ANFÜHREN AUF WELCHER GRUNDLAGE
DIE CHECKLISTE ERSTELLT WURDE
- EXPERTEN IM VEREIN NUTZEN
- REVISIONSSTAND ANFÜHREN
- MEMORY ITEMS HERAUSHEBEN
UND AUSWENDIG KENNEN

HOAC AUSTRIA

DV 20 Flight Manual

Normal Procedures

4.4.3. STARTING ENGINE

1.	Electric Fuel Pump	ON (noise of pump audible)
2.	Fuel Pressure Warning Light	OFF
3.	Throttle - Cold Start - Warm Engine	IDLE approximately 2 cm (3/4 in) forward
4.	Choke - Cold Start - Warm Engine	ON, fully pulled OFF

Mit welchen Checklisten fliegst DU?



Quelle: AEROKURIER / Artikel: Praxis Checklisten: Fliegen wie die Profis

Erstellung von Checklisten?

Online-Workshop geplant!

www.austrocontrol.at



Interesse?

mailto: generalaviation@austrocontrol.at

