	orfluggruppe genthal	Checklist PA	A28 ARCHER II	v1.4 Mai 19	1		
	Flight Checklist for Normal Operations Massgebend ist das AFM (parameters, restrictions, emergency, etc.)						
	COCKPIT PREPARATION BEFORE STARTING ENGINE						
1	Aircraft + Co	ockpit Inspection	COMPLETED	1	1		
2	Seats		ADJUSTED + LOCKED	2	2		
_	Seat Belts		ADJUSTED + FASTENED	3	3		
	Parking Bra		SET		4		
		s / Avionics Master	OFF		5		
_	Circuit Brea		IN		6		
	Battery, Alte		ON		7		
	Fuel Quanti	•	CHECKED		8		
	Tank Select	or	FULLER TANK		9		
	Mixture		RICH		10		
	Carburetor I		OFF		11		
	Ignition Key		PREPARED		12		
	Elevator + F	Rudder Trim	SET for TAKE OFF		14		
14	Flaps		UP	1	14		
	STARTING	ENGINE					
1	Fuel Pump		ON, PRESSURE CHECKED	1	1		
2	Priming		AS REQUIRED, SECURED		2		
_	Throttle		0,5 CM OPEN	3	3		
	Propeller Ar	rea	FREE		4		
5	Starter		ENGAGE	5	5		
	Throttle		1000 - 1200 RPM		6		
	Oil Pressure	e	RAISED	7	7		
8	Fuel Pump		OFF, PRESSURE CHECKED	3	8		
	AFTER ENG	GINE START CHECK					
1	Alternator O	Output	CHECKED	1	1		
2	Oil Pressure	9	CHECKED	2	2		
3	Annunciator	Lights	OFF	3	3		
	BEFORE TA						
1	Ventilation,	Heater	AS REQUIRED	1	1		
2	Avionics Ma	ster	ON		2		
3	Avionics		SET + PRESELECTED	3	3		
	Flight Instru		SET		4		
5	Landing Lig	ht	ON	5	5		
	TAXI CHEC	:K					
1	Brakes, Ste		CHECKED	1	1		
2		npass, Turn-Coordinator	CHECKED	2	2		

Mot	orfluggruppe		V1.4	
	genthal	Checklist P	A28 ARCHER II Mai 19	
	RUN-UP			
1	Parking Bra	ıke	SET	1
2	Landing Lig	ht	OFF	2
3	Engine Ten	nperature	ACCORDING AFM	3
4	Throttle		2000 RPM	4
5	Alternator C	Output	CHECKED	5
6	Engine Inst	ruments	CHECKED	6
7	Annunicato	rs	CHECKED	7
8	Magnetos		CHECKED (Drop RPM < 150 / Diff < 50)	8
9	Mixture		CHECKED	9
10	Carburetor	Heater	CHECKED	10
11	Throttle		IDLE (500-700 RPM)	11
12	Throttle		1000-1200 RPM	12
	DEPARTU			
		Shoulder Harness	FASTENED	1
	Fuel Pump		ON, PRESSURE CHECKED	2
	Fuel Quanti		CHECKED	3
	Fuel Select	or	FULLER TANK	4
_	Mixture		RICH / AS REQUIRED	5
_	Carburetor	Heater	OFF	6
	Magnetos		BOTH	7
_	Primer		SECURED	8
	Engine Inst		CHECKED	9
	Flight Instru		SET	10
	Elevator Tri	m	TAKE OFF	11
	Flaps		SET, SHORT FIELD FLAPS 2	12
	Controls		FREE and CORRECT	13
14	Door, Wind	OW	CLOSED, LATCHED	14
_		RE BRIEFING		
		nd, V _x 64 KIAS V _y 76 KIAS		
	.	itude, Restrictions		
3	Emergencie	es, Best Glide 76 KIAS		
	LINE-UP			
1		Sector, Runway	CHECKED FREE	1
	Lights	,	ON	2
3		vay Heading	CHECKED	3
4	Transponde		SET 7000 or ACCORDING ATC	4
	TAKE OFF			
1	Brakes		RELEASED	1
2	Power		FULL POWEE, RPM CHECKED	2
3	Speed		RISING	3

	orfluggruppe genthal	Checklist PA	A28 ARCHER II V1.4	-
Lan	CLIMB CH		THE INTERIOR OF THE INTERIOR O	
1	Flaps		UP (> 60 KIAS)	1
	Power		CHECKED	2
	Fuel Pump		OFF, PRESSURE CHECKED	3
	CRUISE CH	HECK		
		ine Instruments	CHECKED	1
2	Cruise Pow	er Setting	ACCORDING AFM	2
3	Mixture Set	ting / Fuel	CHECKED	3
4	ATIS	CHECK	DECEMEN	4
-		una anta Avianiaa	RECEIVED	1
		iments, Avionics	SET	2
3	Cabin		CHECKED	3
	APPROACI	H BRIEFING		
1	Runway in U		1	
		titude, Restrictions		
		proach Procedure		
	• •	nd, Final Approach Speed		
		·		
		H PREPARATION		
		Pirectional Gyro	SET	1
	Autopilot		OFF	2
	Landing Lig	ht	CHECKED, ON	3
	Fuel Pump		ON, PRESSURE CHECKED	4
	Fuel Quanti		CHECKED	5
	Fuel Selecte	or	FULLER TANK	6
	Mixture		RICH	7
	Carburetor	Heater	AS REQUIRED	8
	Flaps		AS REQUIRED	9
10	Initial Appro	each Speed	ESTABLISHED (80 KIAS)	10
	FINAL CHE	:CK		
1	Flaps	.or	CHECKED	1
	Final Appro	ach Speed	ESTABLISHED (66 KIAS)	2
	Brakes (pre		CHECKED	3
	Carburetor		OFF	4
	Ga. Ga. G.		<u> </u>	
	GO AROUN	ND		
	Throttle		FULL POWER	1
2	Carburetor	Heater	OFF	2
3	Attitude		ROTATE (SPEED ESTABLISHED > 60	3
4	Flaps		UP (SLOWLY RETRACT)	4
1				
1				

	orfluggruppe genthal		Checkl	ist PA	28 AI	RCHE	ER II		v1.4 Mai 19	4
	AFTER LANDING									
1	Electrical C				AS REC	UIRED				1
	Fuel Pump						E CHECK	ED		2
	Flaps				UP		00			3
	Transponde	er			CHECK	ED				4
	•									
	ENGINE SH	HUT D	OWN							
1	Electrical C	onsum	ers		OFF					1
2	Avionics				121,500	CHECK	ŒD			2
3	Avionics Ma	aster			OFF					3
4	Mixture				CUT OF	F				4
5	Ignition				OFF					5
	Alternator, I	Battery	,		OFF					6
	SPEEDS F	OR OF	PERATION AT	MAXIMU	M TAKE	OFF M	ASS (MTO	M)		
	Rotate / Lift				Flaps 2		45 / 54			
	Best Angle				Flaps up)		KIAS		
	Best Rate	(uı	o to 2000 ft A	GL)	Flaps up			KIAS		
	Cruise Clim		ove 2000 ft A		Flaps up			KIAS		
	Approach			,	Flaps 1			KIAS		
	Final Appro	ach			Flaps 3		66	KIAS	3	
Go Around / Touch And Go			Flaps up)	min. 60					
Best Glide			Flaps up			KIAS				
Max Maneuvering Speed V _A			Flaps up			KIAS				
Max. Demonstrated Crosswind				17	KT					
	POWER SE									
	Take Off an						power			
			nd up to 5000			2300				
			nd above 500	0 AMSL		2400				
	Approach D	escen	d			2200				
	Circuit					2000	RPM			
	LOADING I	עם. סע	'C							
	MTOM	ID-FN			1156 kg	1				
	IVITOIVI				1150 K		cabin load i	remai	nina	
	Empty (Incl.	ıdina 2	USG Unusable	Fuel)	735 kg	1 => 42		omai	illig	
			Neck 34 USG /	,	•	g => 42 g => 328				
			48 USG /			g => 290				
			.5 5557	. OL LILOI	.5. 10		- ng			
PRIMING Table										
	Engine col		-10 °C	0 °C	+	10 °C	+20 °C	;	+30 °C	3
	Primer Pur		3-4	1-2		0	0		0	
	Throttle Str	okes	0	0		2	1-2		1	
	Familia 1 1		40.00	0.00		40.00	1 .00.00		- 00 04	
	Engine hot		-10 °C	0 °C	+	10 °C	+20 °C	,	+30 °C	و
	Primer Pum		0	0		0	0		0	
	Throttle Str	okes	1-3	1		0-1	0		0	

Motorfluggruppe Langenthal

Emergency Checklist PA28 ARCHER

v1.4 Mai 19

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Flight Checklist for Emergency

Massgebend ist das AFM

FIRE ON GROUND

1 Starter	CRANK ENGINE	1
2 Mixture	IDLE CUT OFF	2
3 Throttle	FULL OPEN	3
4 Fuel Pump	OFF	4
5 Fuel Selector	OFF	5
6 Battery / Alternator	OFF	6
7 Pax And Crew	EVACUATE	7

FIRE IN FLIGHT

1 Source of Fire	IDENTIFY	1
ELECTRICAL FIRE (Smoke in cabin))	
1 Battery / Alternator	OFF	1
2 Vents	OPEN	2
3 Cabin Heat	OFF	3
Land as soon as practical		
-		
ENGINE FIRE		
1 Fuel Selector	OFF	1
2 Throttle	CLOSED	2
3 Mixture	IDLE QUE OFF	3
	IDLE CUT OFF	3
4 Fuel Pump	OFF	4
4 Fuel Pump 5 Cabin Heater and Defroster		4 5
	OFF	4

ENGINE POWER LOSS IN FLIGHT

1	Attitude	BEST GLIDE 76 KIAS	1
2	Fuel Selector	SWITCH	2
3	Fuel Pump	ON	3
4	Mixture	RICH	4
5	Carburetor Heater	ON	5
6	Primer	LOCKED	6
7	Ignition	вотн	7
8	Engine Gauges	CHECK CAUSE OF POWER LOSS	8
	When power is restored		
9	Carburetor Heater	OFF	9
10	Fuel Pump	OFF	10
	When power is not restored		
11	Elevator trim	BEST GLIDE 76 KIAS	11
	Prepare for power off emergency landi	ng	

EMERGENCY LANDING

Trim for best glide 76 KIAS Locate suitable field When the landing field can easily be reached

1 Seat Belts / Shoulder Harness	TIGHT	1
2 Fuel Selector	OFF	2
3 Mixture	IDLE CUT OFF	3
4 Throttle	CLOSED	4
5 Ignition	OFF	5
6 Battery / Alternator	OFF	6
7 Flaps	AS DESIRED	7
8 Speed	REDUCE FOR FINAL APPROACH	8

Motorfluggruppe Langenthal

Emergency Checklist PA28 ARCHER

ALTERNATOR FAILURE

NO ALTERNATOR OUTPUT		
1 Alternator Switch	CHECK ON	1
2 Alternator Circuit Breaker	CHECK IN	2
When checked and still not ou	tput	
3 Alternator Switch	OFF	3
4 Electrical Consumers	OFF AS PRACTICABLE	4
5 Alternator Switch	ON (after > 10 sec)	5
If still no output		
6 Electrical Consumers	OFF AS PRACTICABLE	6
Land on the nearest airport as	practicable	

RADIO FAILURE

1 Radio	ON	1
2 Volume	TEST	2
3 Frequency	CHECKED	3
4 Headset / Mike Plugs	CHECKED	4
If no radio contact		
5 Transponder	7600 (if necessary)	5
6 Procedure	ACCORDING AIP	6