

Aircraft Equipment Inspection AID Checklist / Doc Requirements for Operation of Aircraft

Department

(General Aviation)

The Civil Aviation Additionty of Thailand		Department				Helicopter				
Operat	or :		Aircraft Registration :			Place of Inspection:				
Aircraft Type :			MTOW (KG.) :		Date of Inspection:					
		GENERAL - ALL H	ELICOPTER ON ALL FLIGHT			•				
ltem	Reference	Check Item	Minimum Equipment Required		Assessment	t	Method of Compliance	CAAT		
item	hererence	checkitem		S	U/S	N/A		Verification		
1	GA-P3H.401, 401.3.1 (a)	An Accessible First-Aid Kit	1							
2	GA-P3H.401, 401.3.1 (b)	Portable Fire Extinguishers (Type which, when discharged, will not cause dangerous contamination of the air within the aircraft) For First Individual C of A Since 31 Dec 2018: (No substances that deplete the Ozone Layer as listed in the 1987 Montreal Protocol on, ICAO Annex A, Group II)	Cockpit : 1 Each Cabin Compartment : 1							
3	GA-P3H.401, 401.3.2	Built in Fire Extinguishers Agents (Type which, when discharged, will not cause dangerous contamination of the air within the aircraft) For First Individual C of A Since 31 Dec 2011: (No substances that deplete the Ozone Layer as listed in the 1987 Montreal Protocol on, ICAO Annex A, Group II)	Each Lavatory Disposal Receptacle : 1							
4	GA-P3H.401, 401.3.1 (c) (1)	Seat or Berth	Each Person (> 2 Yrs Old)							
5	GA-P3H.401, 401.3.1 (c) (2)	Seat Belts	Each Seat: 1							
6	G/(1)/1.401, 401.5.1 (c) (2)	Restraining Belts	Each Berth: 1							
7	GA-P3H.401, 401.3.1 (c) (3)	Safety Harness	Each Flight Crew Seat: 1							
8	GA-P3H.401, 401.3.1 (d) (1), 801.1	Flight Manual or other documents or information concerning any operating limitations prescribed for the Aircraft by the CAAT or Manufacturer	Suitable for AC Type							
9	GA-P3H.401, 401.3.1 (d) (3)	Current and Suitable Charts for the route of the proposed flight and all routes along which it was reasonable to expect that the flight may be diverted	Suitable for Area Overflown / Diversion							
10	GA-P3H.401, 401.3.1 (d) (4)	Procedures for pilots-in-command of Intercepted Aircraft	1							
11	GA-P3H.401, 401.3.1 (d) (5)	List of Visual Signals for use by intercepting and intercepted aircraft, as prescribed in Regulation of the Civil Aviaiton Board No.94 on Rule of the Air	1							
12	GA-P3H.401, 401.3.1 (d) (6) GA-P3H.802, 802	Journey log book for the aircraft;	1							

	GENERAL - ALL HELICOPTER ON ALL FLIGHT (Continue										
ltem	Reference	Check item		N	linimu	ım Equipment Required		Assessment	:	Method of Compliance	CAAT
							S	U/S	N/A		Verification
13	GA-P3H.803, 803	Placards, Listings, Instrument Markings, or Combinations			As	Prescribed by CAAT					
15	GA-P3H.401, 401.3.1 (f)	Ground-Air Signal Codes (For search and rescue purposes)		/	As Rec	uired by SAR Purposes					
14	GA-P3H.401, 401.3.1 (d) (2)	Any Specific Approval Issued by CAAT (If applicable, for the operation(s) to be conducted)			As R	equired by Operation					
16	GA-P3H.408, 408.1 & GA-P3H.408, 408.3	Automatic ELT (Operates simultaneous on 406 MHz and 121.5 MHz. Operate in accordance w/ the relevant provision of ICAO Vol. III to Annex 10)	1								
17	GA-P3H.502, 502.1 (a) & GA-P3H.502, 502.1 (b)	Navigation Equipment (In accordance with its flight plan; and the requirements of air traffic services)	As Required by Air Traffic Services								
18	GA-P3H.409, 409.1	Pressure - Altitude Reporting Transponder (Transponder Mode C or S)	1 (Unless Exempted by Authority)								
19	GA-P3H.410, 410.1	Microphones (Boom or Throat microphones capable of operating below the transition level/altitude)	Sufficient for All Flight Crew								
		FLIGH	HT OF	PERAT	TION						
ltem	Reference	Check Item	VFR	또 또 Minimum Equipment Required S U/S N/A Method of Co				Method of Compliance	CAAT Verification		
					Nigh		S	U/S	N/A		venification
1	GA-P3H.402, 402.1 (a) (1) & GA-P3H.402, 402.2 (a) & GA-P3H.402, 402.3 (a) (1)	A Means of Measuring and Displaying Magnetic Heading (Standby Magnetic Compass)	~	\checkmark	\checkmark	1					
2	GA-P3H.402, 402.1 (a) (2) & GA-P3H.402, 402.2 (a) & GA-P3H.402, 402.3 (a) (2)	A Means of Measuring and Displaying Barometric Altitude (Altitude Indicator)	~	\checkmark	\checkmark	1					
3	GA-P3H.402, 402.1 (a) (3) & GA-P3H.402, 402.2 (a) & GA-P3H.402, 402.3 (a) (3)	A Means of Measuring and Displaying Indicated Airspeed (Airspeed Indicator)	\checkmark	\checkmark	\checkmark	1 (For IFR: Condensation & Icing Prevention)					
4	GA-P3H.402, 402.1 (b)	A Means of Measuring and Displaying Time in Hours, Minutes and Seconds (A Timepiece)	\checkmark	\checkmark	\checkmark	1					

		FLIGHT OP	ERAT	ION (Cont	inue)					
ltem	Reference	Check Item	VFR	IFR	Night Flight	Minimum Equipment Required		Assessment	:	Method of Compliance	CAAT
			>		Night		S	U/S	N/A		Verification
1	GA-P3H.501, 501.4	Radio Communication Equipment (Conducting two-way communication with those aeronautical stations and on specified frequencies. Each shall be independent of the other or others to the extent that a failure in any one will not result in failure of any other. Two-way communication by using emergency frequency 121.5 MHz)	🗸 Controlled Flight	\searrow	\checkmark	As Installed					
2	GA-P3H.402, 402.2 (c) & GA-P3H.402, 402.3 (a) (4)	A Means of Measuring and Displaying Turn-and-Slip (Turn-and-Slip Indicator)		\checkmark	\checkmark	1					
3	GA-P3H.402, 402.2 (b) & GA-P3H.402, 402.3 (a) (5)	A Means of Measuring and Displaying Aircraft Attitude (Aircraft Attitude Indicator)		\checkmark	\checkmark	Each Pilot : 1					
4	GA-P3H.402, 402.2 (d) & GA-P3H.402, 402.3 (a) (6)	A Means of Measuring and Displaying Stabilized Aircraft Heading (Heading Indicator)		\checkmark	\checkmark	1					
5	GA-P3H.402, 402.3 (a) (7)	Power Supply Indicator for Gyroscopic Instruments		\checkmark	\checkmark	1					
6	GA-P3H.402, 402.3 (a) (8)	A Means of Measuring and Displaying Outside Air Temperature (Outside Air Temperature Indicator)		\checkmark	\checkmark	1					
7	GA-P3H.402, 402.2 (e) & GA-P3H.402, 402.3 (a) (9)	A Means of Measuring and Displaying Rate-of-climb and descent (Vertical Speed Indicator)		\checkmark	\checkmark	1					
8	GA-P3H.402, 402.2 (g)	Anti-Collision Light			\checkmark	1 Set					
9	GA-F3H.402, 402.2 (g)	Navigation Light			\checkmark	1 Set					
10	GA-P3H.402, 402.2 (h) & GA-P3H.402, 402.3 (b)	Landing lights			\checkmark	1 Set					
11	GA-P3H.402, 402.2 (i)	Instrument Panel lighting (Illumination for all flight instruments and equipment that are essential for the safe operation of the aircraft that are used by the flight crew)			\checkmark	1 Set					
12	GA-P3H.402, 402.2 (j)	Lights in all passenger compartments			\checkmark	1 Set / Pax - Seat Row					
13	GA-P3H.402, 402.2 (k)	Independent Portable Light (Torch)			\checkmark	1 / Crew Member Station					

	AREA of OPERATION									
ltem	Reference	Check Item	Flight Over Water	Flight Over Designated Land Areas	Minimum Equipment Required	Assessment			Method	CAAT
				Flight Over Desig		S	U/S	N/A	Compliance	Verification
		Flight Over Designated Land Areas: Flight Over Areas Design	ated b	y CAA	T in which Search and Rescue Would Be	e Especially	Difficult			
1	GA-P3H.403, 403.1	A Permanent or Rapidly Deployable Means of Floatation (E.g. Pop-out Float)	\checkmark		1					
2	GA-P3H.403, 403.2.1 (a) & GA-P3H.403, 403.2.3	Life Jacket, or Equivalent Individual Floatation Device (Stowed in a position readily accessible from the seat or berth & Shall be equipped with a means of electric illumination for the purpose of facilitating the location of persons)	~		Each Person : 1					
3	GA-P3H.403, 403.2.1 (b)	Life-Saving Rafts (Stowed so as to facilitate their ready use in emergency, provided with such life saving equipment, including means of sustaining lise, as is appropriate to the flight to be undertaken)	~		Sufficient to Carry All Person On Board					
4	GA-P3H.408, 408.2	Survival ELT (Contain in a raft or life jackets)	\checkmark		Each Raft : 1 or Each Life Jacket : 1					
5	GA-P3H.403, 403.2.1 (c)	Equipment for Making Sound Signals (As prescribed in the International Regulations for Preventing Collisions at Sea)	\checkmark		1					
6		Signalling Devices		\checkmark	1					
7	GA-P3H.404, 404.1	Life-Saving Equipment (Including means of sustaining life & Apprppriate to Area Overflown)		\checkmark	1					

	FLIGHT CONDITION									
Item	Reference	Check Item	High Altitude Flight	Pressurized Helicopter	Minimum Equipment Required	Assessment			Method	CAAT
item			High Altitı	Pressurized		S	U/S	N/A	Compliance	Verification
1	GA-P3H.405, 405.1 & GA-P2A.210, 210.1	<u>For Operating at Alt. > 10,000 ft.</u> Oxygen Storage and Dispensing Apparatus (Sufficient to Supply All Crew & At Least 10% of PAX for more that 30 minutes that the pressure in compartments occupied by them will be between 700 hPa and 620 hPa & Sufficient to Supply All Crew & PAX for any period of time that the atmospheric pressure in compartments occupied by them will be less than 620 hPa)	~		As Prescirbed					
2	GA-P3H.405, 405.2 & GA-P2A.210, 210.2	For Operating at Alt. > 10,000 ft. Oxygen Storage and Dispensing Apparatus (In the event of loss of pressurization, Sufficient to Supply All Crew & PAX for any period of time for any period that the atmospheric pressure in any compartment occupied by them would be less than 700 hPa For Operating at Alt. > 25,000 ft. or Alt < 25,000 ft. but CANNOT Descend Safely to 13,000 ft. within 4 Mins.:	~	~	As Prescirbed					

		FLIGHT DATA RECORDER (FDR) & COCKPIT VOICE REC	CORDER (CVR)					
	Defenses	Check Item	Minimum Equipment	nent Assessment				CAAT
ltem	Reference		Required	S	U/S	N/A	Method of Compliance	Verification
1	GA-P3H.407, 407.1.3 & GA-P3H.407, 407.1.2 & GA-P3H.407, 407.1.1 (a) & GA-P3H.407, 407.1.1 (b)	For MTOW > 3,175 KG. FDR (Retain the information recorded during at least the last 10 hours of their operation & shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape) For First Individual C of A Since 1 Jan 2016: (Which record at least the first 48 parameters listed in Table M-1 of Appendix M) For MTOW > 7,000 KG, or PAX Seating Configuration > 19 & First Individual C of A Since 1 Jan 1989: (Which record at least the first 30 parameters listed in Table M-1 of Appendix M)	1					
2	GA-P3H.407, 407.2	For MTOW > 7,000 KG. CVR (Capable of retaining the information recorded during at least the last 2 hours of their operation & shall not use magnetic tape or wire)	1					
3	GA-P3H.407, 407.3	For Heliccopter w/ Controller-Pilot Datalink Communications Innstalled & Equipped w/ CVR & First Individual C of A or Modification Since 1 Jan 2016 Data Link Recorder (DLR) (Shall record on a crash-protected flight recorder all data link communications messages. The minimum recording duration shall be be equal to the duration of the CVR. Shall be able to be correlated to the recorded cockpit audio)	1					
		SPECIAL OPERATIONS	,			1	ļ	
14	Defense	Charl Vie	Minimum Equipment		Assessment	:	Mathed of Court's	CAAT
Item	Reference	Check Item	Required	S	U/S	N/A	Method of Compliance	Verification
1	GA-P3H.501	For Performance Based Communication (PBC) Communication Equipment	As Required by RCP Spec.					
2	GA-P3H.502	For Performance Based Navigation (PBN) Navigation Equipment	As Required by RNP Spec.					
3	GA-P3H.503	<i>For Performance Based Surveillance (PBS)</i> Surveillance Equipment	As Required by RSP Spec.					

	OPTIONAL EQUIPMENTS								
ltem	Reference	Check item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT	
item	herefellee			S	U/S	N/A	method of comptiance	Verification	
1	GA-P3H.401, 401.3.1 (e)	For aircraft w/ Fuse Block Accessible In Flight Spare Electrical Fuses	Sufficient for Replacement						
2	GA-P3H.401, 401.4	For Aircraft w/ Break-in Marked Fuselage Break-In Marks (Red or Yellow, using white paint if necessary)	9 cm 9 cm 3 cm Not over 2 m						
3	GA-P3H.406, 406.1	For Noise Certified Aircraft A Document Attesting Noise Certification (Noise Certificate)	1						
4	GA-P3H.412, 412.1	For Aircraft w/ EFB Installed Electronic Flight Bag (EFB)	Appropriate Airworthiness Certification Requirements						
5	GA-P3H.411, 411.1	For Aircraft w/ Automatic Landing System Installed Automatic Landing Systems and A Head-Up Display (HUD) or equivalent displays, Enhanced Vision Systems (EVS), Synthetic Vision Systems (SVS) and/or Combined Vision Systems (CVS)	Appropriate Airworthiness Certification Requirements						

For Operator

For CAAT Inspectors

Signature:	 Inspector 1	Inspector 2
	Signature:	Signature:
Name - Surname:	 Name - Surname:	Name - Surname:
Date:	 Date of Acceptance:	Date of Acceptance: