

## Airworthiness and Aircraft Engineering Department

### Checklist for General Aviation Helicopter Equipment Inspection AID

Operator :	Aircraft Registration :	Place of Inspection:
Aircraft Type :	MTOW (KG.) :	Date of Inspection:

#### GENERAL - ALL HELICOPTER ON ALL FLIGHT

Item	Reference	Check Item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
				S	U/S	N/A		
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 <i>(Type which, when discharged, will not cause dangerous contamination of the air within the aircraft)</i> <i>For First Individual C of A Since 31 Dec 2018:</i> (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 <i>(Type which, when discharged, will not cause dangerous contamination of the air within the aircraft)</i> <i>For First Individual C of A Since 31 Dec 2011:</i> (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		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 Aviation 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)**

Item	Reference	Check Item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
				S	U/S	N/A		
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 <i>(For search and rescue purposes)</i>	As Required by SAR Purposes					
14	GA-P3H.401, 401.3.1 (d) (2)	Any Specific Approval Issued by CAAT <i>(If applicable, for the operation(s) to be conducted)</i>	As Required by Operation					
16	GA-P3H.408, 408.1 & GA-P3H.408, 408.3	Automatic ELT <i>(Operates simultaneous on 406 MHz and 121.5 MHz. Operate in accordance w/ the relevant provision of ICAO Vol. III to Annex 10)</i>	1					
17	GA-P3H.502, 502.1 (a) & GA-P3H.502, 502.1 (b)	Navigation Equipment <i>(In accordance with its flight plan; and the requirements of air traffic services)</i>	As Required by Air Traffic Services					
18	GA-P3H.409, 409.1	Pressure - Altitude Reporting Transponder <i>(Transponder Mode C or S)</i>	1  (Unless Exempted by Authority)					
19	GA-P3H.410, 410.1	Microphones <i>(Boom or Throat microphones capable of operating below the transition level/altitude)</i>	Sufficient for All Flight Crew					

**FLIGHT OPERATION**

Item	Reference	Check Item	VFR	IFR	Night Flight	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
							S	U/S	N/A		
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 <i>(Standby Magnetic Compass)</i>	✓	✓	✓	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 <i>(Altitude Indicator)</i>	✓	✓	✓	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 <i>(Airspeed Indicator)</i>	✓	✓	✓	1 ( For IFR: Condensation & Icing Prevention)					
4	GA-P3H.402, 402.1 (b)		✓	✓	✓	1					

FLIGHT OPERATION (Continue)											
Item	Reference	Check Item	VFR	IFR	Night Flight	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
							S	U/S	N/A		
1	GA-P3H.501, 501.4	Radio Communication Equipment <i>(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)</i>	✓ Controlled Flight	✓	✓	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 <i>(Turn-and-Slip Indicator)</i>		✓	✓	1					
3	GA-P3H.402, 402.2 (b) & GA-P3H.402, 402.3 (a) (5)	A Means of Measuring and Displaying Aircraft Attitude <i>(Aircraft Attitude Indicator)</i>		✓	✓	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 <i>(Heading Indicator)</i>		✓	✓	1					
5	GA-P3H.402, 402.3 (a) (7)	Power Supply Indicator for Gyroscopic Instruments		✓	✓	1					
6	GA-P3H.402, 402.3 (a) (8)	A Means of Measuring and Displaying Outside Air Temperature <i>(Outside Air Temperature Indicator)</i>		✓	✓	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 <i>(Vertical Speed Indicator)</i>		✓	✓	1					
8	GA-P3H.402, 402.2 (g)	Anti-Collision Light			✓	1 Set					
9		Navigation Light			✓	1 Set					
10	GA-P3H.402, 402.2 (h) & GA-P3H.402, 402.3 (b)	Landing lights			✓	1 Set					
11	GA-P3H.402, 402.2 (i)	Instrument Panel lighting <i>(Illumination for all flight instruments and equipment that are essential for the safe operation of the aircraft that are used by the flight crew)</i>			✓	1 Set					
12	GA-P3H.402, 402.2 (j)	Lights in all passenger compartments			✓	1 Set / Pax - Seat Row					
13	GA-P3H.402, 402.2 (k)	Independent Portable Light (Torch)			✓	1 / Crew Member Station					

AREA of OPERATION										
Item	Reference	Check Item	Flight Over Water	Flight Over Designated Land Areas	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
						S	U/S	N/A		
Flight Over Designated Land Areas: Flight Over Areas Designated by CAAT in which Search and Rescue Would Be Especially Difficult										
1	GA-P3H.403, 403.1	A Permanent or Rapidly Deployable Means of Floatation <i>(E.g. Pop-out Float)</i>	✓		1					
2	GA-P3H.403, 403.2.1 (a) & GA-P3H.403, 403.2.3	Life Jacket, or Equivalent Individual Floatation Device <i>(Stowed in a position readily accessible from the seat or berth &amp; Shall be equipped with a means of electric illumination for the purpose of facilitating the location of persons)</i>	✓		Each Person : 1					
3	GA-P3H.403, 403.2.1 (b)	Life-Saving Rafts <i>(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)</i>	✓		Sufficient to Carry All Person On Board					
4	GA-P3H.408, 408.2	Survival ELT <i>(Contain in a raft or life jackets)</i>	✓		Each Raft : 1 or Each Life Jacket : 1					
5	GA-P3H.403, 403.2.1 (c)	Equipment for Making Sound Signals <i>(As prescribed in the International Regulations for Preventing Collisions at Sea)</i>	✓		1					
6	GA-P3H.404, 404.1	Signalling Devices		✓	1					
7		Life-Saving Equipment <i>(Including means of sustaining life &amp; Apprpriate to Area Overflown)</i>		✓	1					

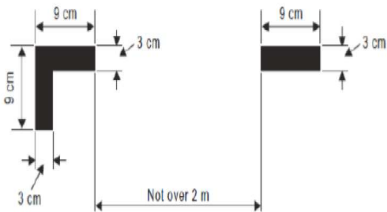
FLIGHT CONDITION										
Item	Reference	Check Item	High Altitude Flight	Pressurized Helicopter	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
						S	U/S	N/A		
1	GA-P3H.405, 405.1 & GA-P2A.210, 210.1	<p><u>For Operating at Alt. &gt; 10,000 ft.</u></p> <p>Oxygen Storage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

**FLIGHT DATA RECORDER (FDR) & COCKPIT VOICE RECORDER (CVR)**

Item	Reference	Check Item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
				S	U/S	N/A		
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)	<p align="center"><u>For MTOW &gt; 3,175 KG.</u></p> <p align="center"><b>FDR</b></p> <p align="center"><i>(Retain the information recorded during at least the last 10 hours of their operation &amp; shall not use engraving metal foil, frequency modulation (FM), photographic film or magnetic tape)</i></p> <p align="center"><u>For First Individual C of A Since 1 Jan 2016:</u></p> <p align="center"><i>(Which record at least the first 48 parameters listed in Table M-1 of Appendix M)</i></p> <p align="center"><u>For MTOW &gt; 7,000 KG. or PAX Seating Configuration &gt; 19 &amp; First Individual C of A Since 1 Jan 1989:</u></p> <p align="center"><i>(Which record at least the first 30 parameters listed in Table M-1 of Appendix M)</i></p>	1					
2	GA-P3H.407, 407.2	<p align="center"><u>For MTOW &gt; 7,000 KG.</u></p> <p align="center"><b>CVR</b></p> <p align="center"><i>(Capable of retaining the information recorded during at least the last 2 hours of their operation &amp; shall not use magnetic tape or wire)</i></p>	1					
3	GA-P3H.407, 407.3	<p align="center"><u>For Helicopter w/ Controller-Pilot Datalink Communications Installed &amp; Equipped w/ CVR &amp; First Individual C of A or Modification Since 1 Jan 2016</u></p> <p align="center"><b>Data Link Recorder (DLR)</b></p> <p align="center"><i>(Shall record on a crash-protected flight recorder all data link communications messages.</i></p> <p align="center"><i>The minimum recording duration shall be equal to the duration of the CVR.</i></p> <p align="center"><i>Shall be able to be correlated to the recorded cockpit audio)</i></p>	1					

**SPECIAL OPERATIONS**

Item	Reference	Check Item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
				S	U/S	N/A		
1	GA-P3H.501	<p align="center"><u>For Performance Based Communication (PBC)</u></p> <p align="center">Communication Equipment</p>	As Required by RCP Spec.					
2	GA-P3H.502	<p align="center"><u>For Performance Based Navigation (PBN)</u></p> <p align="center">Navigation Equipment</p>	As Required by RNP Spec.					
3	GA-P3H.503	<p align="center"><u>For Performance Based Surveillance (PBS)</u></p> <p align="center">Surveillance Equipment</p>	As Required by RSP Spec.					

OPTIONAL EQUIPMENTS								
Item	Reference	Check Item	Minimum Equipment Required	Assessment			Method of Compliance	CAAT Verification
				S	U/S	N/A		
1	GA-P3H.401, 401.3.1 (e)	<i>For aircraft w/ Fuse Block Accessible In Flight</i> Spare Electrical Fuses	Sufficient for Replacement					
2	GA-P3H.401, 401.4	<i>For Aircraft w/ Break-in Marked Fuselage</i> Break-In Marks (Red or Yellow, using white paint if necessary )						
3	GA-P3H.406, 406.1	<i>For Noise Certified Aircraft</i> A Document Attesting Noise Certification (Noise Certificate)	1					
4	GA-P3H.412, 412.1	<i>For Aircraft w/ EFB Installed</i> Electronic Flight Bag (EFB)	Appropriate Airworthiness Certification Requirements					
5	GA-P3H.411, 411.1	<i>For Aircraft w/ Automatic Landing System Installed</i> 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: .....

Name - Surname: .....

Date: .....

**Inspector 1**

Signature: .....

Name - Surname: .....

Date of Acceptance: .....

**Inspector 2**

Signature: .....

Name - Surname: .....

Date of Acceptance: .....