



MINISTÉRIO DA DEFESA NACIONAL
AUTORIDADE AERONÁUTICA NACIONAL
Gabinete da Autoridade Aeronáutica Nacional

Proposta de Condições de Voo para Licença Especial de Aeronavegabilidade
Flight Conditions Proposal for a Military Permit to Fly

Nº do pedido/request no.	XXX-DATE-YY <Tail Number-Date-sequencial number>
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1. Requerente/Applicant	
a. Organização/Organisation	
b. Nome contacto/name of contact	
c. Endereço eletrônico/E-mail	
d. Telefone/telephone	

2. Aeronave/Air System	
a. Fabricante/Manufacturer	
b. Modelo/Model	
c. Número de série/serial number	
c. Número de cauda/Tail number	
d. Missão/Mission	

3. Finalidade/Purpose	
a. Data ou período requerido / Required date or time interval	
b. Finalidade/Purpose	
c. Configuração da aeronave / Aircraft configuration	
d. Fundamentação/Substantiations	
e. Condições e restrições/Conditions and restrictions	



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3. Finalidade/Purpose	
f. Declaração/Statement	
g. Documentação de fundamentação / Substantiations documentation	

4. Assinaturas do requerente/ Applicant signatures	
Proposto por/Proposed by:	

5. Aprovação pela Autoridade / Authority Approval
Aprovado por/Approved by: <Funções/Functions>
Posto/NIP/Nome/Rank/Military number/Name:
Data/Date:
Assinatura/Signature:



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Completion instructions

Campo	Instructions
Nº do pedido/application number no.	<i>Application number: - Tail number; - dash “-”; - date of request (dd-mmm-yyyy); - sequential number (e.g 16702-02Fev2019-1)</i>
1. Requerente / Applicant	<i>Identification of the applicant.</i>
2. Aeronave / Air System	<i>Military Air System and tail number identification.</i>
3. a. Data ou período requerido / Required date or time interval	<i>Identify the initial date and duration for the permit to fly.</i>
3. b. Finalidade / Purpose	<i>Describe the purpose for the flight(s). (e.g. development; showing compliance with regulations or certification specifications; flying the aircraft for Authority acceptance; market survey, including customer’s crew training; * exhibition and air show; flying the aircraft to a location where maintenance or airworthiness review are to be performed, or to a place of storage; * flying an aircraft at a weight in excess of its maximum certificated take-off weight for flight beyond the normal range over water, or over land areas where adequate landing facilities or appropriate fuel is not available; flying activity on individual non-complex aircraft or types for which a Certificate of Airworthiness or restricted Certificate of Airworthiness is not appropriate.</i>
3. c. Configuração da aeronave / Aircraft configuration	<i>The method used for the control of the aircraft configuration, in order to remain within the established conditions. [add reference to the document(s) identifying the configuration of the aircraft, i.e. Aircraft Log Book].</i>
3. d. Fundamentação / Substantiations	<i>The substantiation that the aircraft is capable of safe flight under the conditions or restrictions for approval by AAN, or where appropriate, the unintended take off / flight situation recovery and safety management plan. Safety assessment and risk mitigation for each flight or the flight test campaign. [References to the document(s) justifying that the aircraft can perform the intended flight(s) safely under the defined conditions or restrictions, including the Certificate of Conformity or other equivalent release documents .]</i>
3. e. Condições e restrições / Conditions	<i>Describe the applicable conditions and restrictions relative to aircraft that do not meet, or have not been shown to meet,</i>



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<i>and restrictions</i>	<p><i>applicable airworthiness requirements but are capable of safe flight.</i></p> <p><i>These restrictions should in particular concern the following: purpose of the flight; the conditions or restrictions put on itineraries or airspace, or both, required for the flights; qualification of flight crew; carriage of persons other than flight crew; the operating limitations, specific procedures or technical conditions to be met; the flight test programme; the continuing test airworthiness arrangements, including maintenance instructions and regime under which they will be performed.</i></p> <p><i>The list of restrictions to ensure safety is not exhaustive but may also include other restrictions, for example: the performance of the aircraft; the configuration of the aircraft (e.g. flaps extended).</i></p> <p><i>[Details of these conditions/restrictions, or reference to relevant document, including specific maintenance instructions and conditions to perform these instructions)]</i></p>
3. f. Declaração / Statement	<p><i>A declaration that the aircraft is capable of safe flight under the conditions, restrictions and limitations specified in the flight conditions.</i></p> <p><i>[e.g. The aircraft has no features and characteristics making it unsafe for the intended operation under the identified conditions and restrictions.]</i></p>
3. g. Documentação de fundamentação / Substantiations documentation	<p><i>[References to the document(s) justifying that the aircraft can perform the intended flight(s) safely under the defined conditions or restrictions, including the Certificate of Conformity.]</i></p> <p><i>The list of the documentation to be submitted by the applicant is not exhaustive, but may also include, for example, the following:</i></p> <ul style="list-style-type: none"><i>a. Flight Clearance;</i><i>b. Aircraft Status Summary;</i><ul style="list-style-type: none"><i>b.1 Initial Aircraft Configuration and definition of configuration management process</i><i>b.2 Definition of the system to be tested. Aircraft Safety Synthesis</i><i>b.3 Aircraft Limitations list</i><i>c. Maintenance procedures and assumptions</i><i>d. Declaration of Compliance of all systems;</i><ul style="list-style-type: none"><i>d.1 for the first flight;</i><i>d.2 for the rest of flights, only modified systems shall be declared.</i><i>e. Test programme items:</i><ul style="list-style-type: none"><i>e.1 Test objectives, including a description of intended test activities and test flights,</i><i>e.2 General definition of the areas in which the tests are</i>



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	<p><i>intended to be performed</i></p> <p><i>e.3 Risk assessment or procedure for risk assessment.</i></p> <p><i>e.4 Applicable Flight Test procedures (FOM and/or Flight Test Guide) or equivalent particular safety procedures to be applied for the military specificities implying the need of a permit to fly</i></p> <p><i>f. Flight Readiness Review minutes, if applicable.;</i></p> <p><i>g. Declaration of Compliance Criteria</i> <i>The Declaration of Compliance shall be a signed statement of compliance which covers and certifies the integrity of a list of the supporting evidence by reference number and issue status, the “D of C documentation”, which provides the following evidence as a minimum:</i></p> <p><i>g.1 System Definition</i></p> <p><i>g.1.1 System Specification</i> <i>Defines the performance, airworthiness and safety requirements.</i></p> <p><i>g.1.2 System Design Requirements</i> <i>Includes the Qualification and Airworthiness Basis</i></p> <p><i>g.1.3 System Descriptions</i> <i>Short narrative description of the system(s) to be tested. The level of detail required will be dependent on the complexity of the system(s) to be tested and may refer to other more explicit document(s).</i></p> <p><i>g.1.4 System Configuration</i> <i>Defines the design configuration (including software and interfaces) of the system.</i></p> <p><i>g.1.5 System configuration changes introduced by modification</i> <i>Narrative statement of the system changes introduced since previous permit to fly issue.</i></p> <p><i>g.1.6 System Qualification Documentation</i> <i>A list of reports on all analysis and tests conducted to show compliance with the system specification (including software)</i></p> <p><i>g.1.7 System Safety Analysis</i></p> <p><i>g.1.7.1 The analysis must demonstrate that the design meets the required level of safety for the proposed flight(s). An overall system cumulative probability of catastrophic technical failure must be provided.</i></p> <p><i>g.1.7.2 The analysis must also demonstrate that the design meets the required level of safety for ground operation (for example</i></p>
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	<p><i>maintenance).</i></p> <p><i>g.1.8 Design Limitations</i></p> <p><i>g.1.9 Flying Limitations</i></p> <p><i>g.1.10 System Technical Limitations list</i> <i>List identifying the technical limitations (performance) that relate to the proposed tests.</i></p> <p><i>g.1.11 System Exceptions list</i> <i>List identifying the exceptions against the Airworthiness basis that have yet to be satisfactorily demonstrated.</i></p> <p><i>g.1.12 Limiting Conditions List</i> <i>List identifying the limiting system external conditions for the proposed tests (e.g. VMC only, no rain, no cross wind >x knots etc.)</i></p> <p><i>g.2 System Review reports</i></p> <p><i>g.2.1 System Airworthiness Report</i> <i>Report of the results from the Design Organisation's independent airworthiness review (independent checking function) of the evidence supporting the system definition. The checking function shall be independent from the design activities.</i></p> <p><i>g.2.2 Report from reviews of the System definition comprising:</i></p> <p><i>g.2.2.1 Report on System Design Reviews (SDR), including airworthiness aspects and report of performed system safety analysis.</i></p> <p><i>g.2.2.2 Report on the Configuration Audit (CA). The CA will normally be undertaken throughout the design and build process in 2 parts:</i></p> <p><i>(i) a Physical Configuration Audit (PCA) to verify that the as-built configuration of the Military Air System meets the documented design standard for the requirements of the proposed test(s) and</i></p> <p><i>(ii) a Functional Configuration Audit (FCA) to verify the CIs and systems performance against the approved configuration documentation and determine whether the Military Air System design meets the functional requirements for the proposed test(s).</i></p> <p><i>g.3. Results from ground test and/or previous flight tests.</i></p> <p><i>g.4. Previous experience of the system.</i></p> <p><i>g.5. Flight test programme to which this request refers.</i></p>
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	<p><i>g.5.1 Definition of the system to be tested.</i></p> <p><i>g.5.2 Definition of the actual test activities and test flights to be performed.</i></p> <p><i>g.5.3 Test objective(s).</i></p> <p><i>g.5.4 Reference to all limitations and exceptions e.5.5 A final risk evaluation for the complete program demonstrating suitable mitigation in place to achieve an acceptable level of residual risk.</i></p> <p><i>g.6. Maintenance Instructions</i></p> <p><i>g.7. Operating Instructions</i></p> <p><i>g.8. Operator's organisation and experience</i></p> <p><i>g.8.1 A definition of the organisation to operate the system</i></p> <p><i>g.8.2 A short description of the organisation which will operate the system and a statement as to their competence.</i></p> <p><i>g.8.3 A definition of key persons and their qualifications and experiences required for their tasks during the flight testing.</i></p> <p><i>h. The operating safety argument shall address separately the airfields and test/flight areas including access and egress routes to be used covering, as a minimum, the following:</i></p> <p><i>h.1. emergency conditions (crash, emergency landing and escape);</i></p> <p><i>h.2. all other conditions and environments that may affect the safety of the proposed flight(s) (for example EMC/I, flight profile, weather, multiple aircraft involved in the test etc);</i></p> <p><i>h.3. risk to other air vehicles;</i></p> <p><i>h.4. risk to people on the ground and measures taken to reduce that risk;</i></p> <p><i>h.5. risk to 3rd party property and measures to reduce that risk;</i></p> <p><i>h.6. go/no go statement based on the risk values estimated above.</i></p>
<p>4. Assinaturas do requerente/Applicant signatures</p>	<p><i>Applicant Authorised signatories.</i></p>
<p>5. Aprovação pela Autoridade/Authority Approval</p>	<p><i>Authority Authorised signatories.</i></p>