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Purpose of this form

Use this form to apply for the approval of a proposed reliability program, or the approval of proposed variations of the approved reliability program, for the aircraft.

Who is this form for?

This form is to be completed by the person responsible for continuing airworthiness.

Information needed to complete this form

Chapter 3 of the Part 42 Manual of Standards (MOS) specifies the requirements for a reliability program for an aircraft that requires a reliability program under CASR 42.155.

Aviation Reference Number (ARN)

An ARN is required to complete this form. If you do not have an ARN, [apply now](#).

If you are applying on behalf of an organisation, you will need to have authority to act on the entity's (applicant's) behalf and be able to provide the organisation's ARN.

Contact details

It is important the contact details on the ARN profile are current. CASA uses these contact details when processing this application.

If your address, contact or other details have changed, you must update them prior to lodging this form. You can do this by [changing your details](#) on the CASA website.

Failure to provide up to date contact details to CASA could result in additional fees being charged under the *Civil Aviation (Fees) Regulations 1995* and may constitute a criminal offence.

For more information

Go to the [CASA website](#) or [contact us](#).

Applicant

1 What are the **applicant** details?

The applicant is the person responsible for continuing airworthiness.

Your contact details must be current. Update contact details via [changing your details](#).

Full name

ARN

Phone number

Email address

2 What are the Continuing Airworthiness Management Organisation (CAMO) approval details?

Provide the details as they appear on the holder's current Part 42 certificate.

CAMO Approval Certificate number

ARN

3 Are you the **primary contact person** for this application?

No ➔ [Go to 4](#)

Yes ➔ [Go to 5](#)

Contact person

4 What are the **contact person** details?

Contact details will be used for this application only, including any questions and/or fee estimates.

Provide the details as they appear on the holder of the current Part 42 certificate.

Full name

Position

Contact number

Email address

5 What are the Registered Operator details?

Registered Operator name

ARN

6 What are the Air Operator Certificate (AOC) holder details?

Provide the details in this section as they appear on the holder's current AOC.

Name of the AOC holder

ARN

Aircraft details

7 What are the **aircraft registration** details?

Aircraft Registration	Type	Model	Operation done in aircraft (select all that apply)
			Air Transport Aerial Work Other:
			Air Transport Aerial Work Other:
			Air Transport Aerial Work Other:

Application

8 What are you applying for (select one)?

Approval of proposed reliability program

➡ **Go to 9**

Variation to an approved reliability program

➡ **Go to 10**

Proposed Reliability Program

9 Identify the need(s) for the proposed reliability program (select all that apply):

Refer to regulation 42.155 of CASR

The approved maintenance program for the large aircraft requires the carrying out of maintenance that was developed using the specification, known as 'ATA MSG-3'

The approved maintenance program for the large aircraft requires condition monitoring of an aeronautical product or a system of the aircraft

Extended Diversion Time Operations (EDTO) approval issued under Part 121, also Part 135 - refer to 42.155

Instructions for Continuing Airworthiness (ICA) for the aircraft requires use of reliability program

Other – please specify, include any reference(s)

➡ **Go to 12**

Proposed variation(s) of an approved reliability program

10 What is the reason(s) for the variation?

- Change of operator
- Change of person responsible for continuing airworthiness for the aircraft
- Evaluation and review of the reliability program
- Extended Diversion Time Operations (EDTO) approval
- Changes to associated maintenance program, identify maintenance program and revision status

Other – please specify, include any reference(s)

 Provide additional pages if required

Compliance

11 For the proposed changes would the reliability program comply with the requirements specified in the Chapter 3 of the Part 42 MOS?

No If you cannot answer YES, then amend your proposed variation to ensure it complies with Chapter 3 of the Part 42 MOS

Yes ➔ **Go to 12**

 Provide technical justification

This area has been intentionally left blank

12 Compliance Checklist General Requirements (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program define the meaning of unique terms and acronyms used in the program?			
b) Does the reliability program include provision for recording the approval of the program?			
c) Does the reliability program include provision for recording the approval of subsequent variations to the program?			
d) Does the program include a list of revisions made to the document, including the current revision status?			
e) Does the program include contents list?			
f) Does the program include a list of effective pages?			

13 Identification and Applicability of the Reliability Program (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program identify the type, model, serial number and registration mark of the aircraft controlled by the program?			
b) Does the reliability program identify the name and address of the registered operator of the aircraft controlled by the program?			
c) Does the reliability program identify the name and approval certificate number of CAMO responsible for the program?			

14 Objectives of the Program (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program include a description of the objectives of the program?			
b) Does the reliability program ensure the applicable ICA have been followed to establish the objectives of the program?			
c) Does the reliability program as a minimum, provide a means of ensuring maintenance program tasks are effective and their periodicity is adequate for continuing airworthiness of the aircraft?			

15 Identification of Items Controlled by the Program (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program clearly define and identify the aircraft parts, systems and structural elements controlled by the program?			
b) Does the reliability program clearly identify the maintenance program tasks controlled by the program?			
c) If some items, such as aircraft structure, engine and auxiliary power units, are controlled by a separate program, such as a manufacturer structural sampling or life development program, are these referenced in the program?			

16 Administration of the Program (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program identify the individual (s) responsible for the administration of the program and describe their responsibilities?			

17 Data Collection (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program include a description of the data collection system for the items controlled by the program?			
b) Does the description of the data collection system included in the program contain the identification of sources of data?			
c) Does the description of the data collection system included in the program contain procedures for transmission and receiving of data from each source?			
d) Does the description of the data collection system included in the program contain steps of data development from course to analysis?			
e) Does the description of the data collection system included in the program contain organisational responsibilities for each step of data development?			
f) Does the reliability program ensure the data collected is obtained from items functioning under operational conditions?			
g) Does the reliability program ensure the data collected is accurate and factual to support a high degree of confidence in any derived conclusion?			
h) Does the reliability program ensure the data collected is directly related to the established levels of performance?			

18 Performance Standards (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program include a performance standard expressed in mathematical terms for each item covered by the program that defines the acceptable reliability for the item?			
b) Does the program use a reliability band or range of upper and lower limits to express performance standards by which the reliability is interpreted?			
c) Does the program describe the methods and data be used for establishment of the performance standard? If not, include these in the program			
d) Is the performance standard for each item covered by the program responsive and sensitive to the level of reliability experienced? The performance standard must not be so high that even abnormal variations would not cause an alert, or so low that it is constantly exceeded in spite of corrective action measures.			
e) Are the performance standards based on the operators own operating experience?	➡ Go to g) ➡ Go to f)		
f) If the operators operating experience of an aircraft type or model is non-existent or limited, performance standards may be based on one or more of the following Tick whichever is applicable (at least 1) - The experience of the other operators of the same or similar aircraft type or model; - The operators own experience of a similar aircraft type or model; - The performance of a similar product or system on another aircraft type or model; - The expected in service reliability values used in the design of the aircraft.			
g) Does the program provide for the review of the performance standards after the operator has gained sufficient operating experience?			
h) Does the program contain procedures for monitoring and reviewing performance standards at regular intervals to reflect the operating experience, product improvement and changes in procedures?			

19 Display of Information (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program provide a format of display that allows easy identification of trends, events and when performance standards are exceeded?			
b) Is the display in a graphical or tabular format, or a combination of both?			
c) Are the rules governing any separation or discarding of information before incorporation into the display stated in the program?			
d) Does the display of information include provision for 'nil returns' to aid the examination of the total information?			

20 Analysis and Interpretation of Information (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program provide for the regular analysis and interpretation of information generated by the program?			
b) Does the program include explanation of the method employed for analysing and interpreting the information?			
c) Do the methods used for analysis and interpretation of the information allow the performance of the items controlled by the program to be measured?			
d) Do the methods used for analysis and interpretation of the information facilitate recognition, diagnosis and recording of significant problems?			

21 Investigation and Corrective Action (complete as applicable)

Question	Yes	No	Reference or comment
a) When a performance standard is exceeded, does the reliability program provide for an active investigation?			
b) When a performance standard is exceeded, does the reliability program provide for implementation of corrective actions if necessary to correct the reduction of reliability?			
c) If upper and lower limits are used to express performance standards, are the follow up requirements for each limit fully described in the program?			
d) Are procedures for implementing corrective actions and for monitoring the effectiveness of the corrective actions described in the program?			
e) Do the procedures include provision of periodic feedback to the individual responsible for taking the corrective action until such time as performance has reached an acceptable level?			
f) Does the program ensure each corrective action includes a planned completion date?			

22 Evaluation and Review of the Program (complete as applicable)

Question	Yes	No	Reference or comment
Does the reliability program provide for continuous monitoring of the effectiveness of the program as a whole?			
Does the program identify each individual responsible for monitoring effectiveness of the program?			
Does the program contain procedures for implementing changes to the program and identify the individual responsible for proposing and preparing the changes?			

23 Pooling of Data (complete as applicable)

Question	Yes	No	Reference or comment
a) Does the reliability program use pooled data collated from a number of operators of the same type of aircraft? A small fleet of aircraft is a fleet of less than 6 aircraft of the same type.	➔ Go to b)	➔ Go to 26	
b) To ensure the analysis is valid for pooling of data, are the following things for the aircraft from which the data is pooled substantially the same: Are the aircraft configurations substantially the same?			
c) To ensure the analysis is valid for pooling of data, are the following things for the aircraft from which data is pooled substantially the same: Are the aircraft ages and utilisation rates substantially the same?			
d) To ensure the analysis is valid for pooling of data, are the following things for the aircraft from which data is pooled substantially the same: Are the type of operation and operating environments substantially the same?			
e) To ensure the analysis is valid for pooling of data, are the following things for the aircraft from which data is pooled substantially the same: Are the maintenance program and maintenance procedures substantially the same?			
f) Does the program describe the pooling arrangement and the types and extent of data to be pooled? If NO, include a description of the pooling arrangement and the types and extent of data to be pooled.			

Application checklist

- 24** Select all that apply:
- ☐ Copy of the reliability program is attached
 - ☐ Copy of variation of the approved reliability program is attached
 - ☐ Copy of pooling arrangements is attached
 - ☐ Copy of additional aircraft registrations or various types and models to be listed
 - ☐ Copy of any documents as required by questions 7,9,12 and 13

24 continued

If other please specify:

25 I declare:

- All statements in this application are true and correct.

I acknowledge by providing my details below and submitting this application:

- I may commit an offence under the *Criminal Code Act 1995* if I make a false or misleading statement in my application.
- I have used my best efforts to identify all Commonwealth, state and territory environmental protection legislation that governs the aviation-related activities I will be engaging in under the authorisation for which I am applying. I recognise and understand these obligations and will endeavour in good faith to comply with the applicable requirements specified in that legislation.
- We may also use your licensing information in deidentified form for aviation safety research/analysis.

Privacy

Any personal information you provide to CASA, as part of this application, is protected by the *Privacy Act 1988*.

We will use the information provided to process this application and may also use it to conduct identity/security checks. Without your consent, we may not be able to process your application.

To meet our accountability obligations, we may disclose this information:

- to other government agencies or other national aviation authorities for certain purposes, and
- to comply with court orders and other legal requirements.

For more information about how we use, disclose and protect your personal information, see our [privacy statement](#) and [privacy policy](#).

Fees

I acknowledge CASA will provide a fee estimate, which will be sent to the contact for this application.

I accept if this application is withdrawn or refused by CASA, or if CASA is unable to assess this application because I have failed to provide the required information and/or documentation, I am liable to pay CASA fees for work conducted.

- I declare and acknowledge the above matters.
- I consent to CASA using my licensing information and other personal information for the above purposes.
- I have read CASA's privacy policy and I authorise CASA to use and disclose the information it collects for this application in accordance with that policy.

Declaration continued

Full name

Signature (remove if not relevant)

Date (DD/MM/YYYY)

/ /

Submitting this form to CASA



By email – send this form with all supporting documents attached to regservices@casa.gov.au