

## Country Specific Steps to Obtain Indonesian Type Certificate (TC)

### Indonesia

#### Directorate General of Civil Aviation (DGCA)

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TC GENERAL INFORMATION		
	For more details see SIP paragraph:	Note
Agreement Type: Bilateral Aviation Agreement (BAA) and Schedule of Implementation Procedures (SIP)		
Formerly DGAC, it is now the Directorate General of Civil Aviation (DGCA) of Indonesia		
What form of recognition does the DGCA give a U.S. TC'd product?	211	Issue their own TC
SIP procedures cover only standard category airworthiness certification	22	
For non-standard airworthiness aircraft, engines, and propellers special arrangements will be used	22 and Ch 6.	
AIR-40 Inbox		<a href="mailto:9-AWA-AVS-AIR400@faa.gov">9-AWA-AVS- AIR400@faa.gov</a>

TC APPLICATION PROCEDURE		
	For more details see SIP paragraph:	Note
<b>Applicant Responsibilities</b>		
1. Applicants apply through nearest Certification Branch office within applicant's geographic region.	220	<a href="#">DGCA Form 21-04 Application for TC PC or STC - Oct 2017</a>
2. Applicant ensures application package complies with SI 21-03, Validation Procedures for Foreign TC Amendment 2.		<a href="#">Staff Instruction (SI) 21-03</a>
3. Applicants request FAA submit application package to DGCA	220	
4. Provide evidence to FAA of product's intended use in Republic of Indonesia (ROI) registered or manufactured aircraft	211	
<b>FAA Responsibilities</b>		
1. Applications must include:		
a. FAA cover letter on behalf of applicant (Not necessary but helpful to track receipt and provide POC to DGCA)		<a href="#">Use General Template Memo on AIR-40 internal web site</a>
2. For TCs, ensure applicant's data package includes:		
a. General description of product	220	
b. Three-view drawing of aircraft or cross-section of engines and propellers	220(a)	
c. Statement of airworthiness and environmental standards for US approval	220(b)	
d. If known at time of application:		
i. Description of novel or unusual design features possibly requiring DGCA special conditions	220(c)	
ii. Expected FAA exemptions or equivalent levels of safety findings	220(d)	
e. Estimated date of completion		
3. Forward above items to DGCA  Mr. Capt. M. Mauludin Director of Airworthiness and Aircraft Operation DGCA Indonesia Office Complex of Soekarno-Hatta International Airport C3 St, Tangerang-Banten	220	

Indonesia 15126 ( <a href="mailto:director.daao@gmail.com">director.daao@gmail.com</a> ; <a href="mailto:daao_dgca@dephub.go.id">daao_dgca@dephub.go.id</a> ; <a href="mailto:m_mauludin@dephub.go.id">m_mauludin@dephub.go.id</a> )  CC: Mr. Teguh Jalu Waskito Deputy Director for Aircraft Certification ( <a href="mailto:tj_waskito@dephub.go.id">tj_waskito@dephub.go.id</a> ; <a href="mailto:tjalu1304@gmail.com">tjalu1304@gmail.com</a> )		
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TC POST APPLICATION – PRE-TC ISSUANCE PROCEDURE		
	For more details see SIP paragraph:	Note
<b>DGCA Responsibilities</b>		
1. After receipt of application package from FAA, DGCA may request familiarization meeting		
2. Support technical meetings as necessary for		
a. New developments or compliance questions	225(a)	
b. Resolving issues between DGCA and FAA	225(b)	
c. Clarification of DGCA position	225(c)	
d. Flight operations and maintenance issues	225(d)	
<b>Applicant Responsibilities</b>		
1. Brief DGCA on product design and history if familiarization meeting requested by DGCA	221(a) 221(b) 221(c)	
2. Support technical meetings as necessary	225(a) 225(c) 225(d)	
<b>FAA Responsibilities</b>		
1. Support interpretations of airworthiness standards during familiarization meeting	221(b)	
2. Brief DGCA on product service history if familiarization meeting requested by DGCA	221(c)	
3. Arrange technical meetings as necessary	225	
a. Discuss product service history including any corrective measures	221(c)	
4. Resolve any issues between DGCA and FAA	225(b)	

TC ESTABLISHING CERT BASIS FOR APPROVAL		
	For more details see SIP paragraph:	Note
<b>DGCA Responsibilities</b>		
1. Establish the type cert basis	222(a)	
2. DGCA cert basis considers applicable standards in effect on date application made to FAA for U.S. TC	222(a)	
3. Give maximum credit for FAA TC	222(b)(i)	
4. Specify additional technical conditions to establish equivalent level of safety to DGCA product standards. Additional technical conditions may include:	222(c)	
a. Differences in airworthiness standards and interpretations	223(a)	
b. Novel or unusual design features	223(b)	
c. U.S. exemptions or equivalent levels of safety findings	223(c)	
d. Operational requirements	223(d)	
e. Actions necessary for continued safe operation	223(e)	
5. Develop issue papers as needed	226	
6. May request additional technical design data, may review the product, and may fly the product for familiarization purposes, while giving maximum credit for the FAA certification program	224	
7. Changes to TC are treated as amended and adjusted based on magnitude and complexity	227(a)	
<b>FAA Responsibilities</b>		
1. Provide issue papers as necessary	226	
2. Provide any actions to correct unsafe conditions	223(e)	
<b>Joint FAA &amp; DGCA Responsibilities</b>		
1. Develop certification program for airworthiness standards:	222(b)	
a. Giving maximum credit to FAA cert program	222(b)(i)	
b. Providing basis for DGCA to find compliance to it's airworthiness standards or equivalent	222(b)(ii)	
<b>Applicants Responsibilities</b>		
1. If desired, request and facilitate evaluation of foreign operational requirements	223(d)	
2. Support any final technical meetings to resolve any outstanding issues	225	

ISSUANCE OF TC		
	For more details see SIP paragraph:	Note
<b>DGCA Responsibilities</b>		
1. DGCA should notify FAA after DGCA issues DGCA Type Certificate (Not necessary but very helpful)	None	
<b>FAA Responsibilities</b>		
1. FAA should notify applicant of the issuance	None	
2. FAA should request a copy of the Type Certificate if DGCA did not send one to the applicant	None	

## Country Specific Steps to Obtain Indonesian Supplemental Type Certificate (STC)

### Indonesia Directorate General of Civil Aviation (DGCA)

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STC GENERAL INFORMATION		
	For more details see SIP paragraph:	Note
May issue STC if product has both FAA and DGCA TC in standard category	23(a)	
Products certificated in nonstandard category or design approvals for field modifications dealt case by case	23(b)	
AIR-40 Inbox		<a href="mailto:9-AWA-AVS-AIR400@faa.gov">9-AWA-AVS-AIR400@faa.gov</a>

STC APPLICATION PROCEDURE		
	For more details see SIP paragraph:	Note
<b>Applicant Responsibilities</b>		
1. Applicants apply through nearest Certification Branch office within applicant's geographic region.	220	<a href="#">DGCA Form 21-04 Application for TC PC or STC - Oct 2017</a>
2. Applicants request FAA submit application package to DGCA	230	
3. Provide evidence to FAA of product's intended use in Republic of Indonesia (ROI) registered or manufactured aircraft	211	
<b>FAA Responsibilities</b>		
1. Applications must include:		
b. FAA cover letter on behalf of applicant (Not necessary but helpful to track receipt and provide POC to DGCA)		<a href="#">Use General Template Memo on AIR-40 internal web site</a>
2. For STCs, ensure applicant's data package includes:		
f. Description of the Change	230(a)	
g. Make and Model	230(a)	
h. Copy of FAA approval document and cert basis	230(b)	
i. Expected FAA exemptions or equivalent levels of safety findings	220(c)	
3. Forward above items to DGCA  Mr. Capt. M. Mauludin Director of Airworthiness and Aircraft Operation DGCA Indonesia Office Complex of Soekarno-Hatta International Airport C3 St, Tangerang-Banten Indonesia 15126 ( <a href="mailto:director.daao@gmail.com">director.daao@gmail.com</a> ; <a href="mailto:daao_dgca@dephub.go.id">daao_dgca@dephub.go.id</a> ; <a href="mailto:m_mauludin@dephub.go.id">m_mauludin@dephub.go.id</a> )  CC: Mr. Teguh Jalu Waskito Deputy Director for Aircraft Certification ( <a href="mailto:tj_waskito@dephub.go.id">tj_waskito@dephub.go.id</a> ; <a href="mailto:tjalu1304@gmail.com">tjalu1304@gmail.com</a> )	230	





STC POST APPLICATION – PRE-STC ISSUANCE PROCEDURE		
	For more details see SIP paragraph:	Note
<b>DGCA Responsibilities</b>		
3. After receipt of application package from FAA, DGCA may request familiarization meeting	234	
4. Prescribe any additional technical conditions (if necessary)	231	
5. Request additional documentation for complex STCs (if necessary)	233	
e. Engineering reports, structural analysis, etc.	233(a)	
f. Flight test data	233(b)	
6. Request FAA to find compliance to any additional technical conditions	234	
<b>Applicant Responsibilities</b>		
3. Provide basic documentation	232	
a. Compliance checklist	232(a)	
b. Aircraft flight manual supplement	232(b)	
c. Master doc list/master drawing list	232(c)	
d. Manufacturing and installation instruction drawings	232(d)	
e. Maintenance/repair manual supplements, etc.	232(e)	
f. Instructions for continued airworthiness	232(f)	
4. Support technical meetings including familiarization as necessary	225(a) 225(c) 225(d)	
<b>FAA Responsibilities</b>		
5. Support interpretations of airworthiness standards during familiarization meeting	221(b)	
6. Arrange technical meetings as necessary	225	
7. FAA find compliance to additional technical conditions if requested by DGCA	234	

ISSUANCE OF STC		
	For more details see SIP paragraph:	Note
<b>DGCA Responsibilities</b>		
2. DGCA should notify FAA after DGCA issues DGCA Supplemental Type Certificate (Not necessary but very helpful)	None	
<b>FAA Responsibilities</b>		
3. FAA should notify applicant of the issuance	None	
4. FAA should request a copy of the Type Certificate if DGCA did not send one to the applicant	None	