

Country Specific Steps to Obtain Brazilian Type Certificate Design Approval

BRAZIL Agência Nacional de Aviação Civil (ANAC)

GENERAL INFORMATION		
	For more details see IPA paragraph:	Note
What form of recognition does the ANAC give a U.S. TC'd product?	3.0.2.0(a)	Issue their own TC (called CHT)
Applicants may propose concurrent certification/validation	3.0.7	
AIR-40 Inbox		7-AWA-AVS-AIR-040@faa.gov

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BRAZIL Agência Nacional de Aviação Civil (ANAC)

APPLICATION PROCEDURE		
	For more details see IPA paragraph:	Note
Applicant Responsibilities		
1. Applicants send application to their geographic ACO with applicable data	3.0.2.0(a)	
2. For applications that do not have an FAA TC, compliance to ANAC airworthiness and environmental standards applicable to product on the date application was made to ANAC	3.0.2.3(a)	
3. For applications that have an FAA TC, compliance to ANAC airworthiness and environmental standards applicable to product on date of FAA TC application	3.0.2.3(b)	
ACO Responsibilities		
1. Review application to ensure it's within scope of IPA (<i>Not necessary but helpful</i>)		
2. Notify ANAC if application is for product of complexity not previously certificated by FAA	3.0.2.0(d)	
3. ACO cover letter on behalf of applicant (<i>Not necessary but helpful to track receipt and provide POC to ANAC</i>)		Use Memo 08-03 Appendix 1 pages 1 and 2 on AIR-40 website
4. Applications must include:		
a. Application form completed by applicant	3.0.2.0(a)	F-300-11 http://www2.anac.gov.br/certificacao/Form/FormE.asp
5. For TCs, ensure applicant's data package includes:		
a. copy of FAA TC, if issued	3.0.2.0(a)(1)	
b. copy of FAA TCDS, if established	3.0.2.0(a)(1)	
c. amendment level of ANAC airworthiness and environmental standards FAA believes equivalent to FAA standards	3.0.2.0(a)(1)	
d. definition of airworthiness and environmental standards for US approval	3.0.2.0(a)(1)	
e. planning date for ANAC TC	3.0.2.0(a)(2)	
f. date of application to FAA	3.0.2.3(a)(2)	
g. If known at time of application:		
i. Description of novel features possibly requiring ANAC special conditions	3.0.2.0(b)(1)	
ii. Expected exemptions or equivalent levels of safety findings	3.0.2.0(b)(2)	
6. Forward above items to ANAC Branch of Aeronautical Products Certification:	3.0.2.0(c)	http://www2.anac.gov.br/certificacao/Contato/ContatoE.asp

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POST APPLICATION - PRE-TC ISSUANCE PROCEDURES		
	For more details see IPA paragraph:	Note
ANAC Responsibilities		
1. After receipt of application package from FAA, ANAC notifies FAA:		
a. acceptance of application or if incomplete, communicate what is deficient or missing (<i>Not necessary but helpful to provide</i>)		
b. identifying technical focal point and members of the project certification team	3.0.2.2	
Applicant Responsibilities		
1. Support the familiarization meeting and any requests for additional information	3.0.2.1(a) 3.0.2.1(b)	
ACO Responsibilities		
1. Arrange for a familiarization meeting between ANAC, the FAA, and applicant	3.0.2.1(a)	
a. For simple or less complex projects, initial familiarization meeting may be streamlined if both FAA and ANAC agree	3.0.2.1(c)	
2. Discuss the composition of the project certification team along with ANAC	3.0.2.2	

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BRAZIL Agência Nacional de Aviação Civil (ANAC)

ESTABLISHING CERT BASIS FOR APPROVAL		
	For more details see IPA paragraph:	Note
Applicant Responsibilities		
1. Regulatory basis for ANAC environmental TC requirement	3.0.2.3(c)	Regulamentos Brasileiros de Homologação Aeronáutica (RBHA) 34 and 36 ICAO Annex 16 Vol. 2 also acceptable according to internal ANAC guidance
2. Support technical meetings and provide data as requested by the FAA	3.0.2.5 3.0.2.6	
a. Include environmental testing and approval procedures	3.0.2.8	
ANAC Responsibilities		
1. ANAC establishes the type cert basis	3.0.2.3	
a. For type designs without FAA approval, applicable airworthiness standards in effect on date of application made to ANAC	3.0.2.3(a)(1)	
b. For type designs with FAA approval, applicable airworthiness standards in effect on date of application made to FAA for a domestic TC	3.0.2.3(a)(2)	
2. ANAC may supplement applicable airworthiness requirements with additional requirements for:		
a. additional technical conditions (service history and actions taken by FAA for unsafe conditions)	3.0.2.2(b)(1)	
b. novel features and unusual design	3.0.2.3(b)(2)	
c. special conditions and exemptions	3.0.2.3(b)(2)	
3. If findings of compliance found to U.S. standards, ANAC will start to develop Additional Technical Conditions to cover ANAC additional requirements	3.0.2.4(b)	
a. ANAC will coordinate with FAA on these additional requirements	3.0.2.4(b)	
4. ANAC may make written requests to FAA for compliance information relevant to additional technical conditions, special conditions, and equivalent levels of safety	3.0.2.5	
5. Identify if technical meeting is required to communicate additional technical conditions or any outstanding technical issues. Provide in writing the anticipated level of activity by ANAC to FAA	3.0.2.6(a) 3.0.2.6(b)	
6. Prepare and coordinate FCARs (Issue Papers) when necessary	3.0.2.7	When FAA and ANAC positions are equivalent, FAA issue papers are directly used

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ACO Responsibilities		
1. FAA review of ANAC proposed TC basis and notification to ANAC project manager of proposed option	3.0.2.4	
a. ANAC may accept statement of compliance to Brazilian Type Certification Basis or	3.0.2.4	
b. FAA Type Certification Basis plus all ANAC Additional Technical Conditions	3.0.2.4	
2. FAA will coordinate with ANAC on any additional requirements	3.0.2.4(b)	
a. Verify compliance data has been reviewed and, if required, approved by the FAA	3.0.2.5	
b. Compliance documentation should be complete and detailed enough for ANAC to determine if compliance has been made to the regulations	3.0.2.5	
i. Including environmental testing and approval procedures	3.0.2.8	
c. Keep ANAC informed of domestic TC program on a periodic basis and notify ANAC project manager of any additional novel or unusual design features, special conditions, or equivalent level of safety findings	3.0.2.6(c)	
3. FAA will coordinate with ANAC on FCARs (Issue Papers)	3.0.2.7(b)	

Country Specific Steps to Obtain Brazilian Type Certificate Design Approval

BRAZIL Agência Nacional de Aviação Civil (ANAC)

ISSUANCE OF THE TC		
	For more details see IPA paragraph:	Note
ANAC Responsibilities		
1. ANAC sends TC (CHT) and TC data sheet (EA) to FAA for transmittal to applicant after:	3.0.2.9	
a. Issuance of U.S. TC	3.0.2.9	
b. Compliance to Brazilian TC basis has been met	3.0.2.9	
2. Request final meeting if necessary and beneficial	3.0.2.9	
3. ANAC is responsible for coordinating internally with ANAC Aircraft Evaluation Standards Branch for operational and maintenance aspects	3.0.2.10	
ACO Responsibilities		
1. FAA forwards a certifying statement to ANAC in accordance with RBHA, Section 21.29, along with all additional requested materials after U.S TC issued and compliance to Brazilian TC basis found	3.0.2.9	
2. FAA has issued US TC for product	3.0.2.9	
3. Support final meeting if necessary	3.0.2.9	

Country Specific Steps to Obtain Brazilian STC Design Approval

BRAZIL Agência Nacional de Aviação Civil (ANAC)

GENERAL INFORMATION		
	For more details see IPA paragraph:	Note
ANAC will issue CHST if:	Issue their own STC (called CHST)	
ANAC has previously validated the product	3.0.4(a)	
FAA is State of Design for design change	3.0.4(a)	
FAA has issued STC	3.0.4(a)	
ANAC may accept concurrent STC certifications/validations	3.0.7	
AIR-40 Inbox		7-AWA-AVS-AIR-040@faa.gov

Country Specific Steps to Obtain Brazilian STC Design Approval

BRAZIL Agência Nacional de Aviação Civil (ANAC)

APPLICATION PROCEDURE		
	For more details see IPA paragraph:	Note
Applicant Responsibilities		
1. Applicants complete CHST application and send to their geographic ACO with applicable data	3.0.4(b)	
2. Request application be forwarded to the ANAC Aeronautical Products Certification Branch	3.0.4(b)	
ACO Responsibilities		
1. Review application to ensure its within scope of IPA (<i>Not necessary but helpful</i>)		
2. Notify ANAC if application is for product of complexity not previously certificated by FAA	3.0.2.0(d)	
3. Applications must include:		
a. ACO cover letter on behalf of applicant (<i>Not necessary but helpful to track receipt and provide POC to ANAC</i>)		Use Memo 08-03 Appendix 1 pages 1 and 2 on AIR-40 website
b. CHST application form completed by applicant	3.0.2.0(a)	F-300-11 http://www2.anac.gov.br/certificacao/Form/FormE.asp
4. For STCs, ensure applicant's data package includes:		
a. description of change	3.0.4(c)(1)	
b. make and model	3.0.4(c)(1)	
c. copy of FAA STC, if issued	3.0.4(c)(2)	
d. copy of certification basis	3.0.4(c)(2)	
e. planning date for ANAC issuance of CHST		
f. description of all novel or unusual design features possibly requiring ANAC special conditions	3.0.4(c)(4)	
g. exemptions or equivalent levels of safety findings granted by FAA for US STC	3.0.4(c)(5)	
5. Forward above items to ANAC Branch of Aeronautical Products Certification:	3.0.2.0(c)	http://www2.anac.gov.br/certificacao/Contato/ContatoE.asp

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BRAZIL Agência Nacional de Aviação Civil (ANAC)

POST APPLICATION - PRE-STC ISSUANCE PROCEDURES		
	For more details see IPA paragraph:	Note
ANAC Responsibilities		
1. After receipt of application package from FAA, ANAC notifies FAA:		
a. acceptance of application or if incomplete, communicate what is deficient or missing (<i>Not necessary but helpful to provide</i>)		
b. identifying technical focal point and members of the project certification team	3.0.2.2	
Applicant Responsibilities		
1. Support the familiarization meeting and any requests for additional information	3.0.2.1(a) 3.0.2.1(b)	
ACO Responsibilities		
1. Arrange for a familiarization meeting between ANAC, the FAA, and applicant	3.0.2.1(a)	
a. For simple or less complex projects, initial familiarization meeting may be streamlined if both FAA and ANAC agree	3.0.2.1(c)	
2. Discuss the composition of the project certification team along with ANAC	3.0.2.2	

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ESTABLISHING CERT BASIS FOR APPROVAL		
	For more details see IPA paragraph:	Note
Applicant Responsibilities		
1. Regulatory basis for ANAC environmental STC requirement	3.0.2.3(c)	Regulamentos Brasileiros de Homologação Aeronáutica (RBHA) 34 and 36 ICAO Annex 16 Vol. 2 also acceptable according to internal ANAC guidance
2. Support technical meetings and provide data as requested by the FAA	3.0.2.5 3.0.2.6	
a. Include environmental testing and approval procedures	3.0.2.8	
ANAC Responsibilities		
1. ANAC establishes the type cert basis	3.0.2.3	
a. Consider if streamlining procedures is possible after discussing with FAA	3.0.4(d)	
b. Applicable airworthiness standards in effect on date of application made to FAA for a domestic STC	3.0.2.3(a)(2)	
2. ANAC may supplement applicable airworthiness requirements with additional requirements for:		
a. additional technical conditions (service history and actions taken by FAA for unsafe conditions)	3.0.2.2(b)(1)	
b. novel features and unusual design	3.0.2.3(b)(2)	
c. special conditions and exemptions	3.0.2.3(b)(2)	
3. If findings of compliance found to U.S. standards, ANAC will start to develop Additional Technical Conditions to cover ANAC additional requirements	3.0.2.4(b)	
a. ANAC will coordinate with FAA on these additional requirements	3.0.2.4(b)	
b. ANAC may make written requests to FAA for compliance information relevant to additional technical conditions, special conditions, and equivalent levels of safety	3.0.2.5	
4. Identify if technical meeting is required to communicate additional technical conditions or any outstanding technical issues. Provide in writing the anticipated level of activity by ANAC to FAA	3.0.2.6(a) 3.0.2.6(b)	
5. Prepare and coordinate FCARs (Issue Papers) when necessary	3.0.2.7	When FAA and ANAC positions are equivalent, FAA issue papers are directly used
ACO Responsibilities		
1. FAA review of ANAC proposed STC basis and	3.0.2.4	

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notification to ANAC project manager of proposed option		
a. Consider if streamline procedures is possible after discussing with ANAC	3.0.4(d)	
b. ANAC may accept statement of compliance to Brazilian Supplemental Type Certification Basis or	3.0.2.4	
c. FAA STC Basis plus all ANAC Additional Technical Conditions	3.0.2.4	
2. FAA will coordinate with ANAC on any additional requirements	3.0.2.4(b)	
a. Verify compliance data has been reviewed and, if required, approved by the FAA	3.0.2.5	
b. Compliance documentation should be complete and detailed enough for ANAC to determine if compliance has been made to the regulations	3.0.2.5	
i. Including environmental testing and approval procedures	3.0.2.8	
c. Keep ANAC informed of domestic STC program on a periodic basis and notify ANAC project manager of any additional novel or unusual design features, special conditions, or equivalent level of safety findings	3.0.2.6(c)	
3. FAA will coordinate with ANAC on FCARs (Issue Papers)	3.0.2.7(b)	

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ISSUANCE OF THE STC		
	For more details see IPA paragraph:	Note
ANAC Responsibilities		
1. ANAC sends STC (CHST) to FAA for transmittal to applicant after:	3.0.2.9	
a. Issuance of U.S. STC	3.0.2.9	
b. Compliance to Brazilian STC basis has been met	3.0.2.9	
2. Request final meeting if necessary and beneficial	3.0.2.9	
3. ANAC is responsible for coordinating internally with ANAC Aircraft Evaluation Standards Branch for operational and maintenance aspects	3.0.2.10	
ACO Responsibilities		
1. FAA forwards a certifying statement to ANAC in accordance with RBHA, Section 21.29, along with all additional requested materials after U.S STC issued and compliance to Brazilian STC basis found	3.0.2.9	
2. FAA has issued US TC for product	3.0.2.9	
3. Support final meeting if necessary	3.0.2.9	