



Aviation Communication & Surveillance Systems
19810 North 7th Avenue

Phoenix, AZ 85027-4741
(623) 445-7000 Fax: (623) 445-7004

FAA ACTION
Los Angeles Aircraft Certification Office

Approve EASA CS JAR's
 Reject CAR's
 Acknowledge Concur Accept

TSO/Project #s: 30L/258/14
 Comments: _____

Branch#	Concurrence	Date
<u>130L</u>	<u>JP</u>	<u>6/19/14</u>
_____	_____	_____
_____	_____	_____

FAA Staff Spec: _____ Phone: _____ Date: _____

J Pei
6/19/14
accept.

10 June 2014

Federal Aviation Administration
Northwest Mountain Region
Los Angeles Aircraft Certification Office
3960 Paramount Blvd.
Lakewood, CA 90712

Attention: Haifa Haj-Eid
Supervisor, Technical Support Staff
562.627.5300

Subject: Notification of minor TSOA change per 14 CFR 21.619(a) on the NXT Transponder article to create the NXT Release 1.1 (Model NXT-800) Mode S Diversity Transponder: new product part numbers 9008000-10000 and 9008000-55000

Attention: Jen Pei

attachments

Dear Haifa:

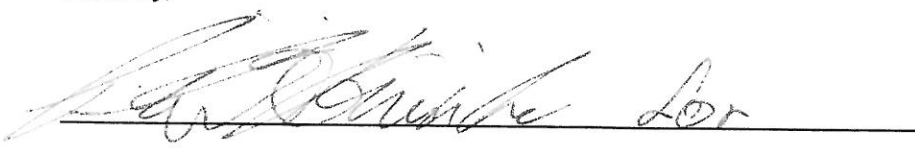
Notification of minor TSOA changes per 14 CFR 21.619(a) is herewith being made in support of changes to ACSS' NXT Transponder article to create the NXT Release 1.1 (Model NXT-800) Mode S Diversity Transponder product that will establish new part numbers 9008000-10000 and 9008000-55000 as listed in the following pages. A brief description of the minor modification is included for the update of the identified NXT Transponder product to create the 9008000-10000 and 9008000-55000 part numbers. The changes to the NXT Transponder product meet the performance standards of the TSOs identified with the product and the requirements of 14 CFR 21 Subpart O. ACSS has followed the necessary steps as described in AC 21-46 to fully document and substantiate the minor design change. This equipment will be manufactured at the ACSS facility located at 19810 North 7th Avenue, Phoenix, Arizona 85027-4741.

The undersigned hereby certifies the above-listed article with identified part number 9008000-10000 and 9008000-55000, associated drawing revision, and software and hardware modification levels have been tested and meet the performance standards of the applicable Technical Standard Orders listed. Any additional documentation or data is available upon request.

To support customer tracking of the implementation of this minor update concurrence to this Notification is being requested as soon as possible.

If you have any questions concerning this correspondence, please contact me at (623) 445-6757.

Sincerely,



Max Berghammer
Senior Director
Avionics Certification

RECEIVED
Los Angeles Aircraft
Certification Office

JUN 11 2014

Action _____
Date Ans. _____
File Code: _____



Aviation Communication & Surveillance Systems
19810 North 7th Avenue
Phoenix, AZ 85027-4400
(623) 445-7000 Fax: (623) 445-7004

10 June 2014

Federal Aviation Administration
Northwest Mountain Region
Los Angeles Aircraft Certification Office
3960 Paramount Blvd.
Lakewood, CA 90712

Attention: Haifa Haj-Eid
Supervisor, Technical Support Staff, ANM-103L
562.627.5300

Subject: Notification of minor TSOA change per 14 CFR 21.619(a) on the NXT Transponder article to create the NXT Release 1.1 (Model NXT-800) Mode S Diversity Transponder: new product part numbers 9008000-10000 and 9008000-55000

Attention: Jen Pei

attachments

Dear Haifa:

Notification of minor TSOA changes per 14 CFR 21.619(a) is herewith being made in support of changes to ACSS' NXT Transponder article to create the NXT Release 1.1 (Model NXT-800) Mode S Diversity Transponder product that will establish new part numbers 9008000-10000 and 9008000-55000 as listed in the following pages. A brief description of the minor modification is included for the update of the identified NXT Transponder product to create the 9008000-10000 and 9008000-55000 part numbers. The changes to the NXT Transponder product meet the performance standards of the TSOs identified with the product and the requirements of 14 CFR 21 Subpart O. ACSS has followed the necessary steps as described in AC 21-46 to fully document and substantiate the minor design change. This equipment will be manufactured at the ACSS facility located at 19810 North 7th Avenue, Phoenix, Arizona 85027-4741.

The undersigned hereby certifies the above-listed article with identified part number 9008000-10000 and 9008000-55000, associated drawing revision, and software and hardware modification levels have been tested and meet the performance standards of the applicable Technical Standard Orders listed. Any additional documentation or data is available upon request.

To support customer tracking of the implementation of this minor update concurrence to this Notification is being requested as soon as possible.

If you have any questions concerning this correspondence, please contact me at (623) 445-6757.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Max Berghammer', is written over a horizontal line.

Max Berghammer
Senior Director
Avionics Certification



Section A: NXT Transponder

Description of change: *The new 9008000-10000 and 9008000-55000 part numbers create the new End Item Drawings listed below by updating the software of the NXT Transponder Release 1.1 is to provide the following:*

- *TSO Functionality*
 - *Resolution of deferred CRs and optimizations to functions previously implemented*
- *Maintenance Functionality*
 - *Addition of changes to provide support to interface with multiple OEMs, Maintenance Computer.*
 - *Minor changes to accommodate new customer requirements*

There are no hardware changes in this modification.

Item 1: NXT Mode S Diversity Transponder

	P/N No.	End Item Drawing REV	Hardware Mod Level	Software Mod Levels	TSOs applicable to the product
Current approved configuration	9006000-55000 (Model NXT-600)	A	-	-	TSO-C112d (Level 3adens, Class1) TSO-C166b (Class A3 Transmit Only) w/Dev
Minor change configuration	9008000-10000 (Model NXT-800)	A	-	A	TSO-C112d (Level 3adens, Class1) TSO-C166b (Class A3 Transmit Only) w/Dev
Minor change configuration	9008000-55000 (Model NXT-800)	A	-	A	TSO-C112d (Level 3adens, Class1) TSO-C166b (Class A3 Transmit Only) w/Dev