



Aviation Communication &  
Surveillance Systems

## NXT-600 Data Link Transponder Label

CAGE Code <b>1WYD3</b>	Initial Release Date <b>27-JAN-2014</b>	Revision Date <b>17-SEP-2019</b>	Document Number <b>9006002</b>	Revision <b>M</b>
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## Record of Revisions

Rev	Date	Authorization	Description of Change
-	27-JAN-2014	ECR013945	Initial Release
A	10-FEB-2014	ECR014914	Update label to include ACSS address
B	26-MAR-2014	ECR015009	Update header title to match front page title
C	20-OCT-2014	ECR015481	Create new Figure 2 with new dash number -002 to add the FCC number. Update Table 1 as necessary.
D	27-OCT-2014	ECR015530	Add new label for ETSO. Update Table 1 with ETSO dash number -003.
E	10-NOV-2014	ECR015569	Add new dash number -56000. Labels need a format change to accommodate an overlay label. Add two new figures with this new format for TSO and ETSO labels. Update Table 1 to include entries for both -55000 and -56000 TSO and ETSO labels. Add a new figure and table for overlay labels; these are for future use and will not be used at this time.
F	20-NOV-2014	ECR015601	Correct bitmap art on Figure 3 and Figure 4, missing FCC number.
G	1-DEC-2014	ECR015617	Covered weight box in Figure 4. Verified the word "TSO:" is covered in Figure 3 and 4, because the word is actually in the field and not on the label. Figure 3 and 4 will be replaced with a bitmap provided.
H	15-JUN-2016	ECR017205	Updated Step 1.6 for ETSO information. Updated Table 1 to add -55001 and -56001.
J	21-JUL-2016	ECR017228	Add overlay labels for -55001 and -56001. Corrected Figure 5 title and figure.
K	5-FEB-2018	ECR018289	Updated export statement on Page 1. Updated tables to add -55002 labels.
L	20-MAY-2019	ECR018560	Updated tables to add -55003 labels.
M	17-SEP-2019	ECR019097	Added Figure 6, Label Part No. 9006002-005, and updated Table 1 with labels for new FCC number 2ACTZNXTVE19. Also updated proprietary information in the footer.

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## 1. INTRODUCTION

Aviation Communication & Surveillance Systems (ACSS) in Phoenix, Arizona, has prepared this document containing the Label for the NXT-600 Data Link Transponder, Part No. 9006000-XXXXX.

### 1.1 Material

For all part numbers, use Brady Material: White Polyester (B-483) adhesive backed or equivalent.

### 1.2 Background

For all part numbers; use White Polyester.

### 1.3 Characters and Lines

For all part numbers use Black, Thermal Printed.

### 1.4 Label Construction

For all part numbers; the label is constructed of computer generated/computer printed adhesive backed white polyester.

### 1.5 Dimensional Units and Tolerances

Unless otherwise specified, all dimensions are in inches, and tolerances apply to all places decimal  $\pm 0.02$ .

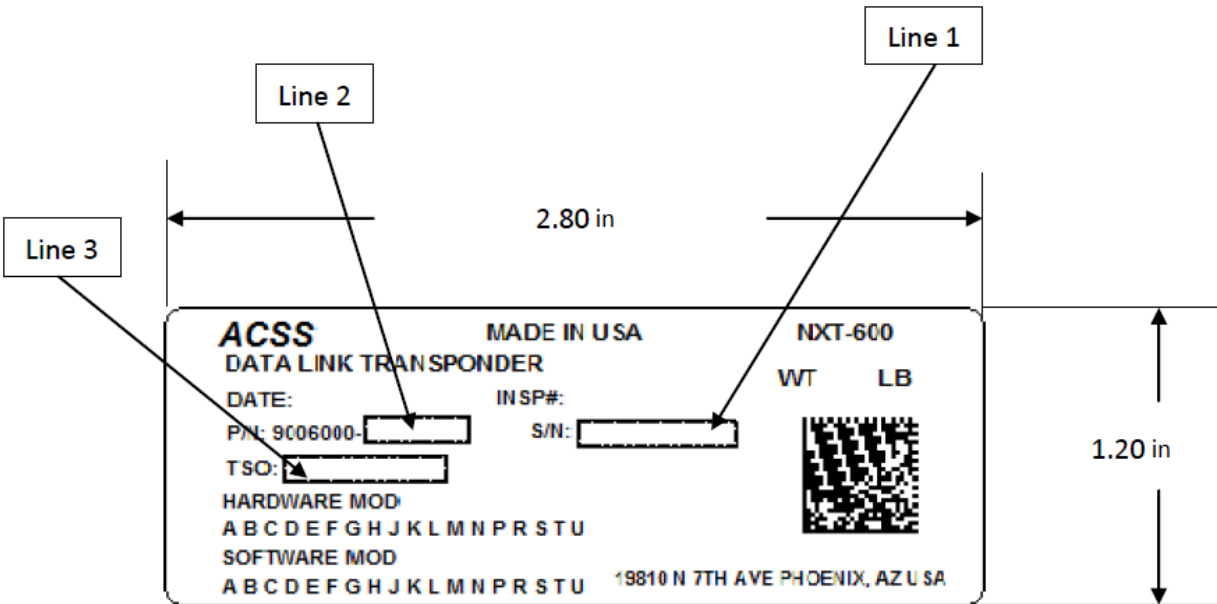
### 1.6 Technical Standard Order (TSO) Marking Requirements

See Table 1 for necessary TSO information. For further TSO detail, refer to the applicable System Description and Installation Manual (SDIM). ETSO is mutually accepted and is no longer necessary on labels.

- 8600600-001: NXT-600 System Description and Installation Manual.

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## 2. FIGURES AND TABLES

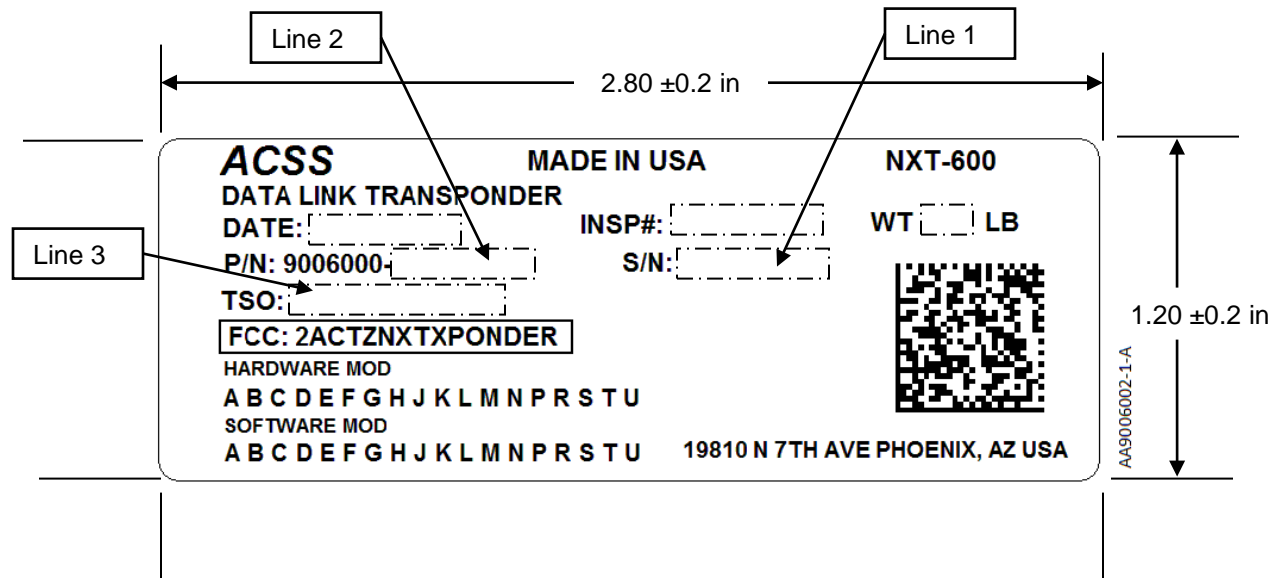


**Figure 1. NXT-600 Data Link Transponder Label, Part No. 9006002-001**

**NOTE:**

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Weight, Date, Inspector#, Serial#, TSOs, and PNR Dash Number all added at time of printing.
4. Bar codes will change appearance depending on the information coded.
5. Refer to Table 1 for contents of Line 1, Line 2, and Line 3.
6. MOD Level Box Outlines optional.

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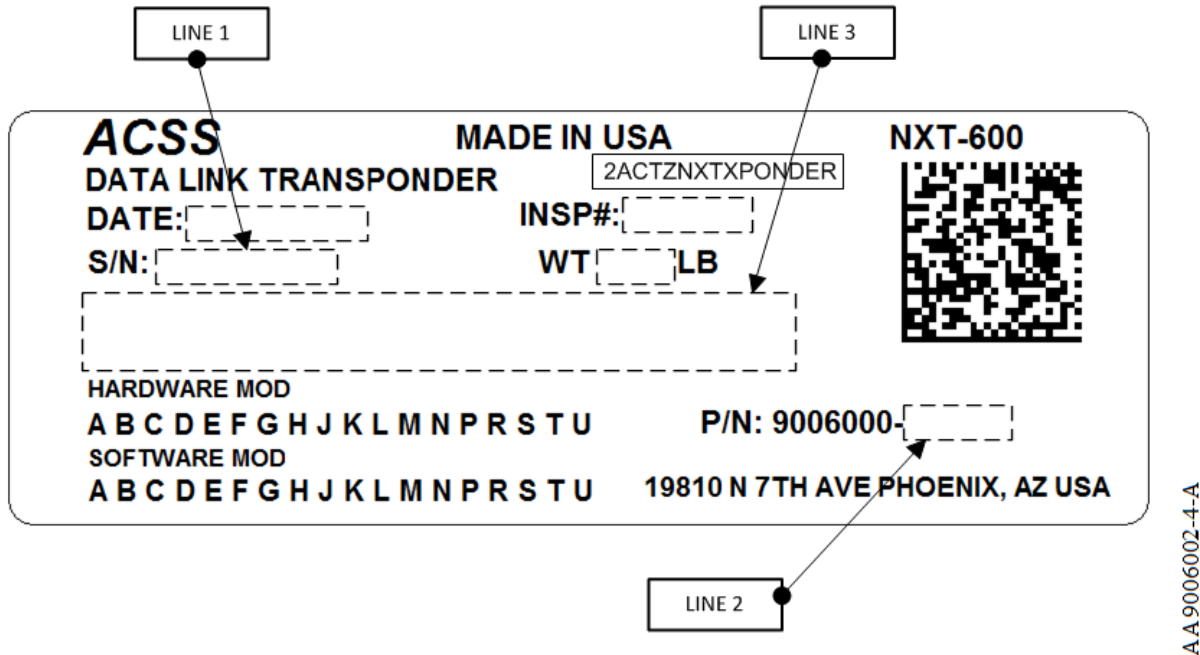
**Figure 2. NXT-600 Data Link Transponder Label, Part No. 9006002-002**

**NOTE:**

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Weight, Date, Inspector#, Serial#, TSOs, and PNR Dash Number all added at time of printing.
4. Bar codes will change appearance depending on the information coded.
5. Refer to Table 1 for contents of Line 1, Line 2, and Line 3.
6. MOD Level Box Outlines optional.



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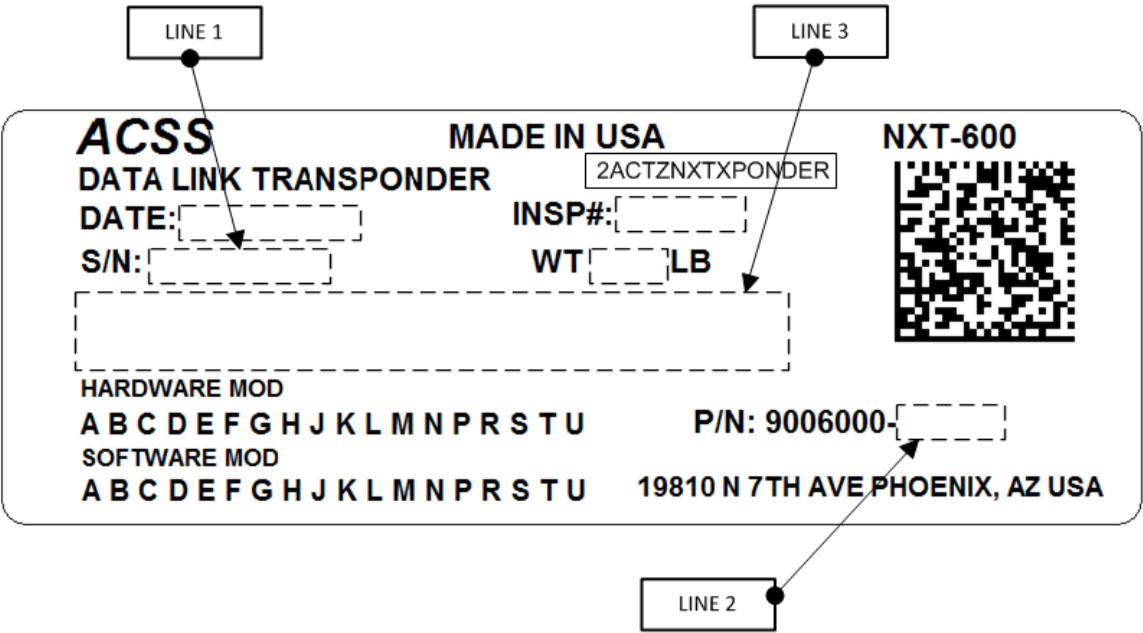


**Figure 3. NXT-600 Data Link Transponder Generic ETSO Label, Part No. 9006002-003**

**NOTE:**

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Weight, Date, Inspector#, Serial#, TSOs, and PNR Dash Number all added at time of printing.
4. Bar codes will change appearance depending on the information coded.
5. Refer to Table 1 for contents of Line 1, Line 2, and Line 3.
6. MOD Level Box Outlines optional.

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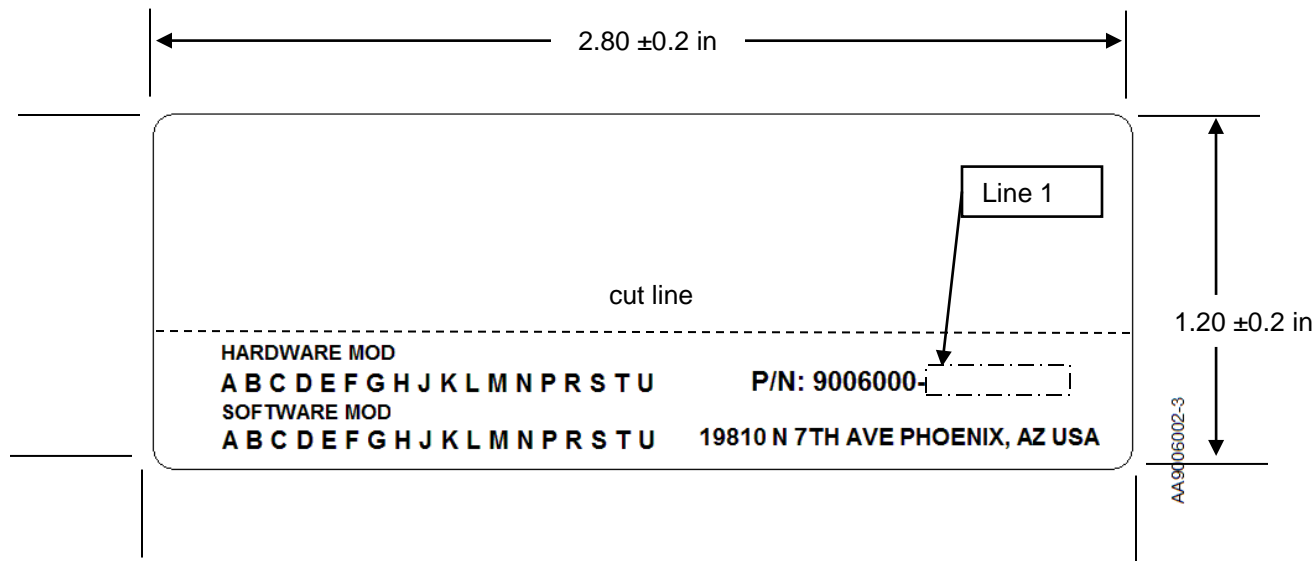
AA 9006002-4-A

Figure 4. NXT-600 Data Link Transponder Generic Label, Part No. 9006002-004

NOTE:

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Weight, Date, Inspector#, Serial#, TSOs, and PNR Dash Number all added at time of printing.
4. Bar codes will change appearance depending on the information coded.
5. Refer to Table 1 for contents of Line 1, Line 2, and Line 3.
6. MOD Level Box Outlines optional.

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**Figure 5. NXT-600 Data Link Transponder Generic Overlay Label (For Field Update Only), Part No. 9006002-600**

**NOTE:**

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Refer to Table 2 for contents of Line 1.

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Line 1

Line 3

**ACSS**  
**DATA LINK TRANSPONDER**  
**DATE:**   
**S/N:**

**MADE IN USA**  

**2ACTZNXTVE10**  
**INSP#:**   
**WT**  **LB**

**NXT-600**  


**HARDWARE MOD**  
**A B C D E F G H J K L M N P R S T U**  
**SOFTWARE MOD**  
**A B C D E F G H J K L M N P R S T U**

**P/N: 9006000-**   
**19810 N 7TH AVE PHOENIX, AZ USA**

Line 2

**Figure 6. NXT-600 Data Link Transponder Generic Label, Part No. 9006002-005**

**NOTE:**

1. Background color (White Polyester) 1.2.
2. Character and Line (Black) 1.3.
3. Weight, Date, Inspector#, Serial#, TSOs, and PNR Dash Number all added at time of printing.
4. Bar codes will change appearance depending on the information coded.
5. Refer to Table 1 for contents of Line 1, Line 2, and Line 3.
6. MOD Level Box Outlines optional.

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**Table 1. NXT-600 End Item Label Entries - Nomenclature Plates**

LRU Part No.	Label Part No.	Line 1 (Serial No.)	Line 2 (Dash No.)	Line 3 (TSO Categories)	Comments
9006000-55000	9006002-001 (Figure 1)	Applicable S/N	-55000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Initial Release
9006000-55000	9006002-002 (Figure 2)	Applicable S/N	-55000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	With FCC number
9006000-55000	9006002-003 (Figure 3)	Applicable S/N	-55000	TSO-C112d, ETSO-C112d, Level 3adens, Class 1 ETSO-C166b, Class A3 - Transmit Only (W/Dev, See SDIM for Addtl TSO Info)	ETSO label
9006000-55000	9006002-004 (Figure 4)	Applicable S/N	-55000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Non-ETSO Label
9006000-56000	9006002-004 (Figure 4)	Applicable S/N	-56000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Non-ETSO Label
9006000-56000	9006002-003 (Figure 3)	Applicable S/N	-56000	TSO-C112d, ETSO-C112d, Level 3adens, Class 1 ETSO-C166b, Class A3 - Transmit Only (W/Dev, See SDIM for Addtl TSO Info)	ETSO Label
9006000-55001	9006002-004 (Figure 4)	Applicable S/N	-55001	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Initial Release (ETSO no longer necessary)
9006000-56001	9006002-004 (Figure 4)	Applicable S/N	-56001	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Initial Release (ETSO no longer necessary)
9006000-55002	9006002-004 (Figure 4)	Applicable S/N	-55002	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Initial Release (ETSO no longer necessary)
9006000-55003	9006002-004 (Figure 4)	Applicable S/N	-55003	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	Initial Release (ETSO no longer necessary)
9006000-55000	9006002-005 (Figure 6)	Applicable S/N	-55000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	FCC label update for HW MOD D
9006000-55001	9006002-005 (Figure 6)	Applicable S/N	-55001	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	FCC label update for HW MOD D
9006000-55002	9006002-005 (Figure 6)	Applicable S/N	-55002	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	FCC label update for HW MOD D
9006000-55003	9006002-005 (Figure 6)	Applicable S/N	-55003	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	FCC label update for HW MOD D
9006000-56000	9006002-005 (Figure 6)	Applicable S/N	-56000	TSO-C112d, Level 3 adens Class 1 W/Dev (See SDIM for Addtl TSO Info)	FCC label update for HW MOD D

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**Table 2. NXT-600 End Item Overlay Label Entries – Field Update Only**

Line 1 (LRU Part No.)	Label Part No.
9006000-55001	9006002-600 (Figure 5)
9006000-56001	9006002-600 (Figure 5)
9006000-55002	9006002-600 (Figure 5)
9006000-55003	9006002-600 (Figure 5)

**END OF DOCUMENT**