



Aviation Communication &
Surveillance Systems

NXT-600 Data Link Transponder Label

CAGE Code 1WYD3	Initial Release Date 27-JAN-2014	Revision Date 17-SEP-2019	Document Number 9006002	Revision M
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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 ± 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

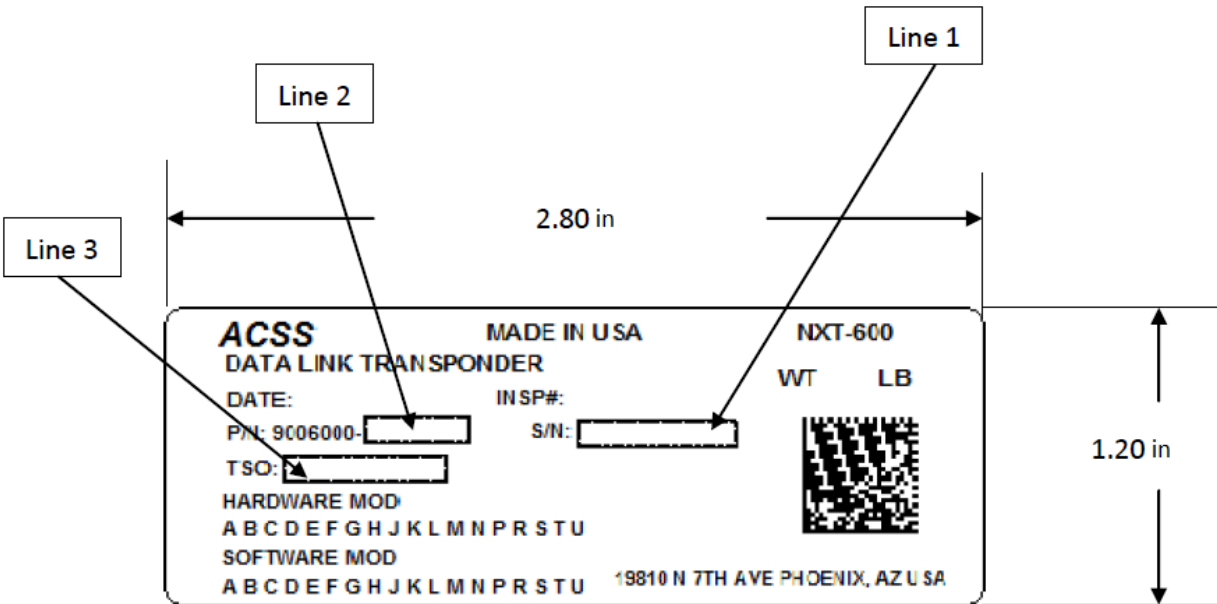


Figure 1. NXT-600 Data Link Transponder Label, Part No. 9006002-001

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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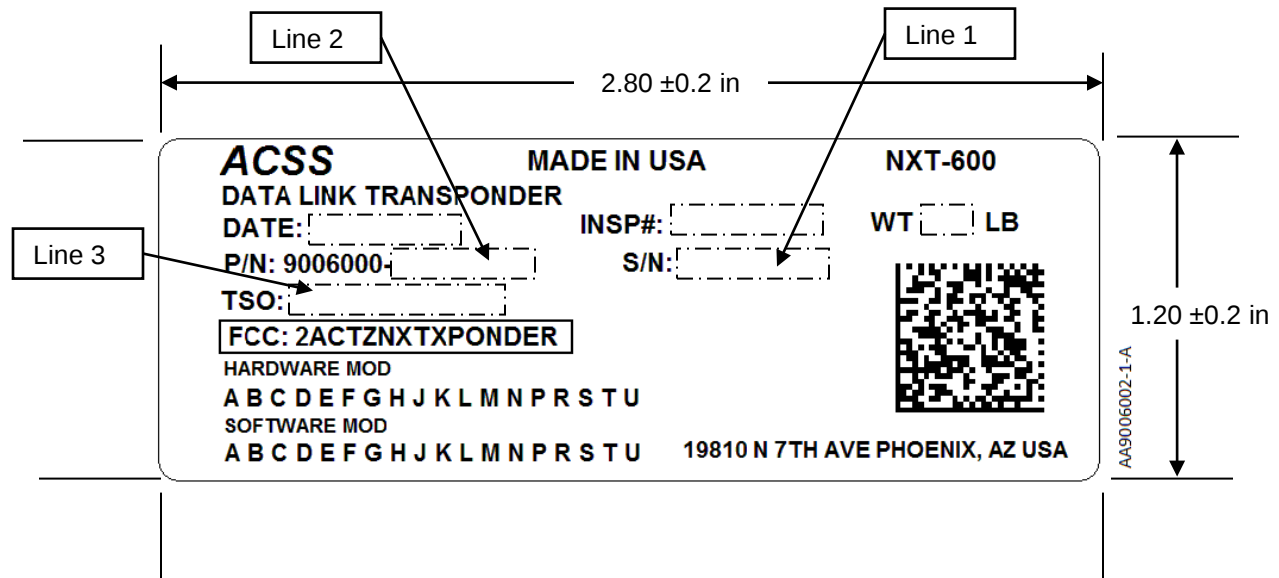


Figure 2. NXT-600 Data Link Transponder Label, Part No. 9006002-002

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.

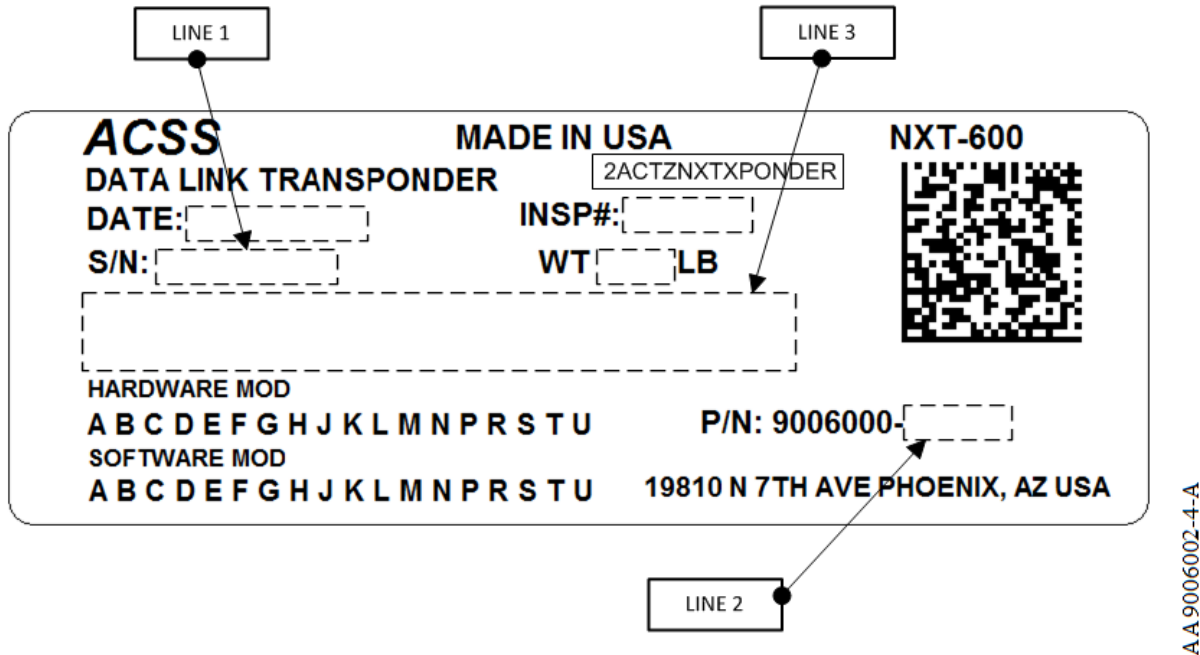
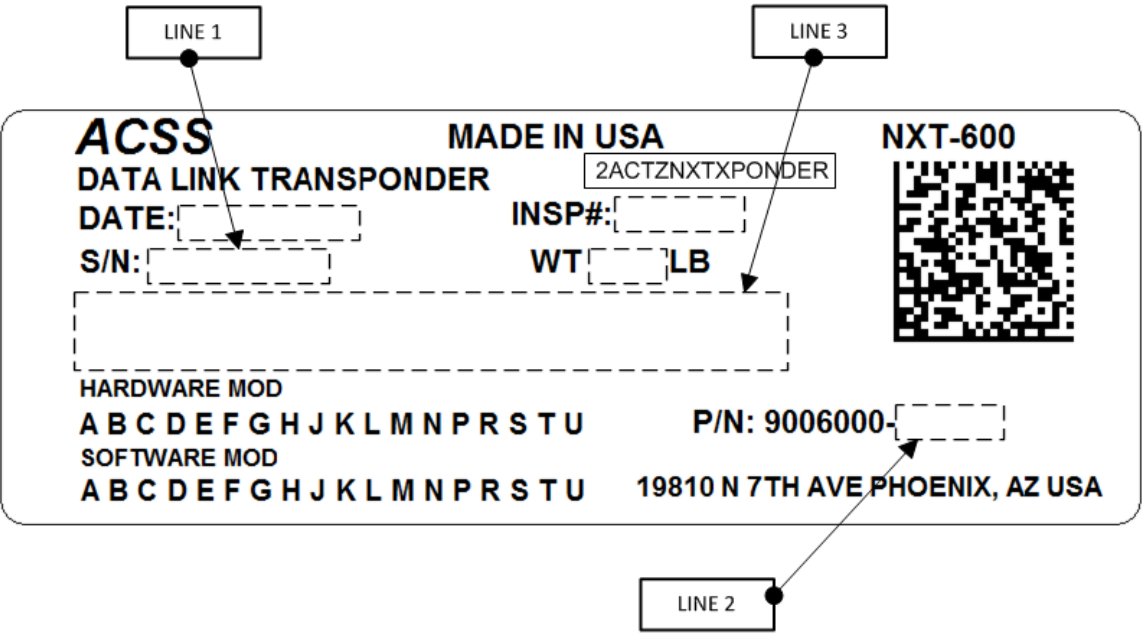


Figure 3. NXT-600 Data Link Transponder Generic ETSO Label, Part No. 9006002-003

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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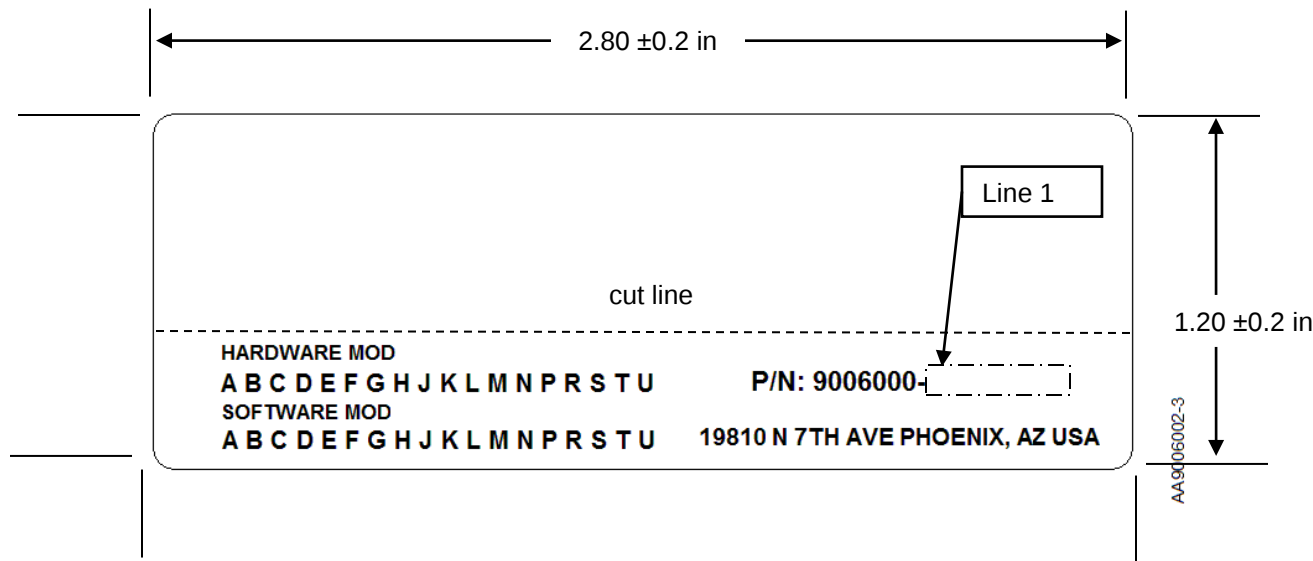


Figure 5. NXT-600 Data Link Transponder Generic Overlay Label (For Field Update Only), Part No. 9006002-600

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