

SH

DWG NO.

2.13±.02

.90±.01



.396±.010



1.385±.010

CO. 103013 SHC OF IS

R .06±.01
6 PLACES

HONEYWELL INC. XS-950S/I

DATA LINK TRANSPONDER

HARDWARE										SOFTWARE									
P/N 7519350- [REDACTED]										DO-178B									
S/N [REDACTED]										LEVEL B									
WT [REDACTED] Lbs										S/W MOD									
DATE [REDACTED] INSP.# [REDACTED]																			
[REDACTED]																			
DO-1600 ENV CAT ((A2)(F2)Y)BBB																			
(SCLMY)EXXXXXZAEZ(RRR)B(A3E3)XXA																			
TSO-C112 CL043,121,F11																			
FCC ID GB8XS 950										H/W MOD									
A B C D E F G H J K L M N P R S T U																			
V W Y Z AA AB AC AD AE AF AG AH AJ																			
AK AL AM AN AP AR AS AT AU AV AW AY																			
BUS. & COMMUTER AVN SYS DIV										FSCM 55939									
PHOENIX AZ USA																			

SCLMY

DO-1600 ENV CAT ((A2)(F2)Y)BBB
(SCLMY)EXXXXXZAEZ(RRR)B(A3E3)XXA
TSO-C112 CL043,121,F11

FCC ID GB8XS 950

A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ					
AK	AL	AM	AN	AP	AR	AS	AT	AU	AV	AW	AY						

BUS. & COMMUTER AVN SYS DIV
PHOENIX AZ USA

FSCM 55939

DO-1600 ENV CAT ((A2)(F2)Y)BBB
(SCLMY)EXXXXXZAEZ(RRR)B(A3E3)XXA
TSO-C112 CL043,121,F11

FCC ID GB8XS-950S/I

H/W MOD	A	B	C	D	E	F	G	H	J	K	L	M	N
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**NOT APPROVED FOR CIVILIAN
USE, FOR MILITARY USE ONLY**

FIGURE 56. 7021570-45

DWC 0990917A

9-17-99

AT

Honeywell

SEE FIRST SHEET FOR
CONTRACT NUMBER. USE OR
DISCLOSURE OF INFORMATION
ON THIS SHEET IS SUBJECT
TO THE RESTRICTIONS ON
THE FIRST SHEET OF THIS
DOCUMENT.

SIZE
A

CAGE CODE
55939

DRAWING NO.

7021570

REV
AM

SCALE **2/1**

SHEET **58**

Business and Commuter Aviation Systems

Honeywell Inc.

P. O. Box 29000

Phoenix, Arizona 85038-9000

602 436-8000

September 17, 1999

5150-9909-1598

Federal Communications Commission

Equipment Approval Services

P.O. Box 358315

Pittsburgh, PA 15251-5313

Subject: Type Acceptance Honeywell Inc., Commercial Flight Systems Group XS-950X/I
Data Link Transponder.

Gentlemen:

As required by FCC Rules and Regulations Volume II, Part 2, Subpart J, and Volume V, Part 87, Subpart A, Type Acceptance is requested for Honeywell Inc., Commercial Flight Systems Group Type XS-950S/I Data Link Transponder.

Honeywell drawing DWC 0990917A dated September 17, 1999 shows the "FCC ID" identification and included in the FCC Type Acceptance Report are photos showing the location of these nameplates.

A letter of "Intent to File for FCC Type Acceptance" for the XS-950S/I Data Link Mode "S" ATC Transponder has been sent to the applicable Federal Aviation Administration Office, and included with this application as required by Part 87, Paragraph 87.147(d3).

Our check for \$475.00 is included to cover the required charge for equipment approval service (Part 1, Para. 1.1103).

Your favorable consideration of this application will be appreciated.

Sincerely,

Honeywell Inc.

Commercial Flight Systems Group

Business And Commuter Aviation Systems Division



D. Cleaver

Certifications Engineer

CC.

B. Beningfield

P. Bobrowitz

K. Jellison

J. Redmond

J. Troxel

1	Application (FCC Form 731) dated September 17, 1999
2	Honeywell Inc. Check #3574 dated September 17, 1999
3	Honeywell Inc. letter of intent to file for FCC Type Acceptance dated September 17, 1999 (reference 5150-9909-1597)
4	FCC Type Acceptance Report for ATC Mode "S" Transponder XS-950S/I Honeywell Inc. Drawing EB7517857, Rev. Original - Test Report Data - Functions of Semiconductors - Circuit Descriptions - Equipment Photographs - Personnel Qualifications
5	Honeywell Inc. Integrated Test Specification for the XS-850 Mode "S" Transponder, Drawing No. IT7517800, Rev. M
6	Honeywell Inc., Circuit Card Assembly, A1 Interconnect, Drawing No. 7517820-902, Rev. B
7	Honeywell Inc., Circuit Card Assembly, A2 Processor, Drawing No. 7517826-941, Rev. Original
8	Honeywell Inc., Circuit Card Assembly, XMTR/RCVR A3, Drawing No. 7517835-904, Rev. D
9	Honeywell Inc., Circuit Card Assembly, ATDL Power Supply Unit A4, Drawing No. 7517830-903, Rev. Original
10	Honeywell Inc., XS-950S/I Data Link Transponder Unit Assembly, Drawing No. 7519350, Rev. A
11	Honeywell Inc., Identification Plate (-45, -46), Drawing No. 7021570, Rev. AR with C.O. 103913 and 103927
12	Honeywell Inc., Outline and Installation XS-950S/I, Drawing No. 7519356, Rev. Original
13	Honeywell Inc., Interconnection Diagram – Transponder XS-950S/I, Publication No. 34-52-07 pages 423 thru 431.

Business and Commuter Aviation Systems
Honeywell Inc.
P. O. Box 29000
Phoenix, Arizona 85038-9000
602 436-8000

September 17, 1999

5150-9909-1597

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION ENGINEERING BRANCH
SEP 30 1999

Federal Aviation Administration
Spectrum Engineering Division
AES-500
800 Independence Avenue, S.W.
Washington, D.C. 20591

Subject: Notification of Intent to File for FCC Type Acceptance for Honeywell Inc.,
Commercial Flight Systems Group XS-950S/I Data Link Transponder.

Gentlemen:

In accordance with FCC Rules and Regulations Part 87, Paragraph 87.147(d3), notification is hereby given of Honeywell Inc., Commercial Flight Systems Group's intent to file for FCC Type Acceptance of the Honeywell Inc., Type XS-950S/I Data Link Transponder.

The XS-950S/I Mode "S" ATC Transponder will be FAA TSO'd to TSO C112, Air Traffic Control Radar Beacon System/Mode Select (ATCRBS/Mode "S") Airborne Equipment. All data submitted to the FCC for Type Acceptance is also included with this letter.

Honeywell Inc., is filing for FCC Type Acceptance for this equipment at this time.

Sincerely,

Honeywell Inc.
Commercial Flight Systems Group
Business And Commuter Aviation Systems Division



D. Cleaver
Certifications Engineer

CC.

B. Beningfield
P. Bobrowitz

K. Jellison
J. Redmond

J. Troxel
FCC Equipment Approval Services