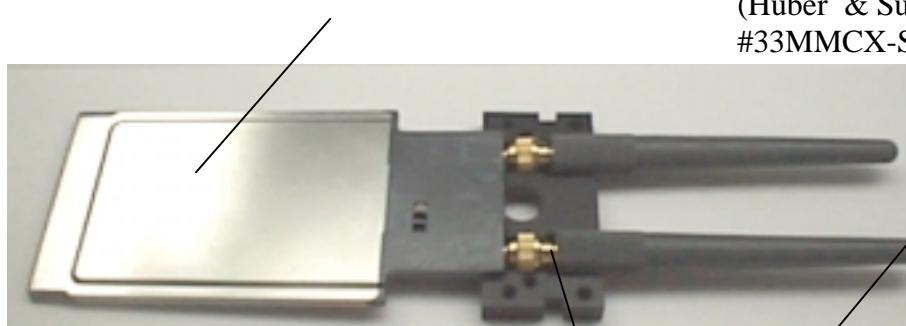


APPLICATION			REVISIONS				
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION		DATE	APPROVED

The following is an addendum to Polhemus Inc. assembly documents 4A0435 Bodypack, and 4A0438 Star Link depicting how antennas (M/A Com # AND-C-107) are installed and secured to these assemblies.

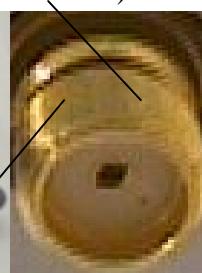
The 4A0435 Bodypack assembly contains one Radio card (Harris # HWB1151-EVAL - Polhemus Inc. #1C0175-02) connected to SMA type adapters (Huber & Suhner #33MMCX-SMA-50-1). The antenna (M/A COM #AND-C-107) is threaded onto the SMA adapter and is permanently secured with Loctite threadlocking adhesive (Loctite #290). This antenna and SMA adapter are mounted to the Radio card by a retaining block and then permanently assembled into the Bodypack assembly. See illustration below.

RADIO CARD Harris # HWB1151-EVAL



SMA type adapter
(Huber & Suhner
#33MMCX-SMA-50-1)

M/A COM #AND-C-107
ANTENNA



Application area of Loctite
#290 threadlocking adhesive.

ANTENNA THREADED
END MOUNT

Antenna (M/A COM #AND-C-107)

In secured position within retaining block.



4A0435 Bodypack assembly



UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES AND
INCLUDE ALL APPLIED FINISHES

CONTR

BY SIGNATURE DATE

DRAWN

CHECKED

ELEC

ENGR

MECH

ENGR

QA

MFG

ENGR

RESP

ENGR

RLSE

POLHEMUS Inc.

A KAISER AEROSPACE & ELECTRONICS COMPANY
COLCHESTER VT. 05446

RF ANTENNA SECURING

SIZE

A

FSCM NO.

62730

DWG NO.

REV

SCALE: **NONE**

WT CALC ACT.

LB OZ

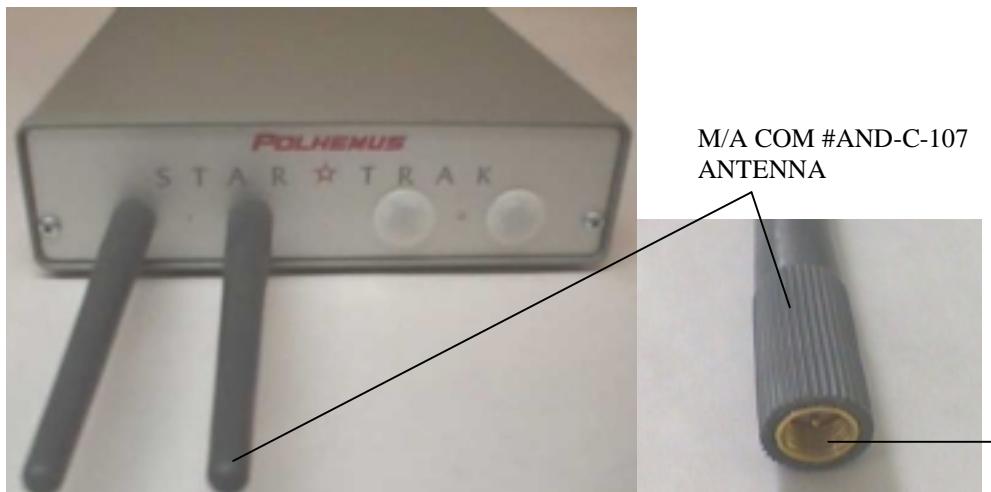
SHEET 1 OF 2

APPLICATION			REVISIONS			
DASH NO.	NEXT ASSY	USED ON	REV	DESCRIPTION	DATE	APPROVED

The 4A0438 Star Link assembly contains quantity 1 or quantity 2 Radio Cards (Harris # HWB1151-EVAL - Polhemus Inc. # 1C0175-02) depending upon its configuration. Its antenna connection is obtained via an SMA type adapter (Huber & Suhner #33MMCX-SMA-50-1) exposed outside the Star Link assembly front panel. The antenna (M/A COM #AND-C-107) is threaded onto the SMA adapter and is permanently secured with Loctite threadlocking adhesive (Loctite #290).

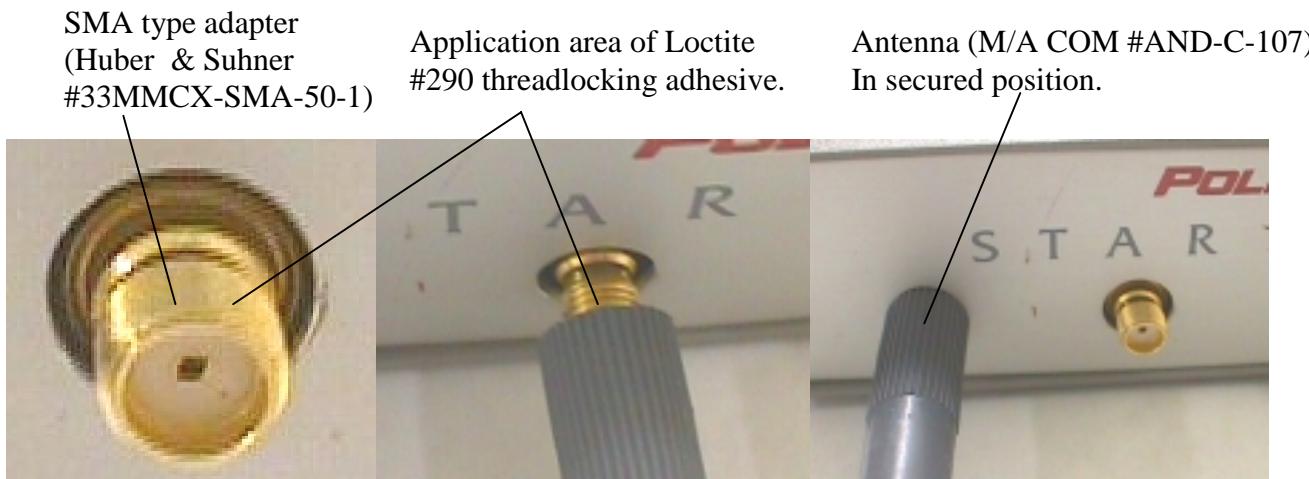
See illustration below.

4A0438 STAR LINK ASSEMBLY



M/A COM #AND-C-107
ANTENNA

ANTENNA
THREADED
END MOUNT



SMA type adapter
(Huber & Suhner
#33MMCX-SMA-50-1)

Application area of Loctite
#290 threadlocking adhesive.

Antenna (M/A COM #AND-C-107)
In secured position.

UNLESS OTHERWISE SPECIFIED

CONTR

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COLCHESTER VT. 05446

RF ANTENNA SECURING

DIMENSIONS ARE IN INCHES AND
INCLUDE ALL APPLIED FINISHES

BY	SIGNATURE	DATE
DRAWN		
CHECKED		

ELEC		
ENGR		
MECH		
ENGR		

DECIMALS	ANGLES	
.XX	$\pm .02$	$\pm 0^\circ 30'$
.XXX	$\pm .005$	

QA		
MFG		
ENGR		

RESP		
ENGR		
RLSE		

SIZE	FSCM NO.	DWG NO.	REV
A	62730		

SCALE: NONE WT ^{CALC}_{ACT.} LB OZ

SHEET 2 OF 2