

HAND RECEIPT

**COVERING CONTENTS OF COMPONENTS OF
END ITEM (COEI), BASIC ISSUE ITEMS(BII),
AND ADDITIONAL AUTHORIZATION LIST (AAL)**

FOR

**SURVEY INSTRUMENT
AZIMUTH, GYRO, LIGHTWEIGHT
(LEAR SIEGLER, INC. MODEL AG-8), TYPE I
NSN 6675-00-062-8579**

This manual supersedes TM 5-6675-250-12-HR, 15 June 1979.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

20 JANUARY 1988

HAND RECEIPT

TM 5-6675-250-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 20 January 1988

HAND RECEIPT
COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),
BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

SURVEY INSTRUMENT; AZIMUTH, GYRO LIGHTWEIGHT
(LEAR SIEGLER, INC. MODEL AG-8) , TYPE I

NSN 6675-00-062-8579

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to Commander, U.S. Army Troop Support Command, ATTN:AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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HAND RECEIPT FOR CONTENTS OF
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND
ADDITIONAL AUTHORIZATION LIST (AAL) ITEMS FOR

SURVEY INSTRUMENT, AZIMUTH GYRO, LIGHTWEIGHT
NSN 6675-00-062-8579

Section I. INTRODUCTION

1. SCOPE. This publication provides overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Survey, Instrument: Azimuth, Gyro, Lightweight.

2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from TM 5-6675-250-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-6675-250-10.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations shall comply with local policies on the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from: U.S. Army Adjutant General Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896. See DA Pamphlet 310-10-2 for proper requisitioning procedure.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA Form 2062). Refer to DA PAM 710-2-1, Chapter 6. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line item entries via column c. One of the following Accounting Requirement Code (ARC) will apply:

(N) for Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.

(D) for Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already N.

(X) for Expendable: Items regardless of type classification or price and which are consumed in use, Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D."

b. Authorization documents are as follows:

(1) Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

(2) Basic Issue Items (BII) are authorized by the applicable operator's manual .

(3) Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTA, or JTA authorization documents.

Section II. Hand Receipt

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM:		TO:		HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 6675-00-062-8579	END ITEM DESCRIPTION Survey Equipment	PUBLICATION NUMBER TM 5-6675-250-10		PUBLICATION DATE 30 June 1986	QUANTITY					
STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH f.	QUANTITY g.					
						A	B	C	D	E	F
6675-00-062-8579	SURVEY INSTRUMENT, AZIMUTH, GYRO LIGHTWEIGHT	N		EA							
	MODEL AG-8										
	COMPONENTS OF END ITEM (COEI)										
6675-00-621-0771	ELECTRONIC CONTROL UNIT	X		EA	1						
6675-00-623-7299	GYROSCOPIC REFERENCE UNIT	X		EA	1						
6675-00-623-7301	THEODOLITE: DKMI-02MIL	N		EA	1						
6675-00-623-7373	TRIPOD ASSEMBLY	X		EA	1						
6675-00-006-3619	TRIPOD ADAPTER ASSEMBLY	X		EA	1						
6675-01-040-1380	TRANSPORT CASE	X		EA	1						
6675-01-047-9640	TRANSIT CASE	X		EA	1						
6150-01-041-8377	CABLE ASSEMBLY, DC POWER EXTENSION, W3	X		EA	1						
6150-01-041-4340	CABLE ASSEMBLY, DC POWER ADAPTER, W5	X		EA	1						
6150-01-046-0117	CABLE ASSEMBLY, JUMPER, W6	X		EA	1						
6150-01-042-4635	LEAD, ELECTRICAL, DC POWER	X		EA	1						

* WHEN USED AS A:
 HAND RECEIPT, enter Hand Receipt Annex Number
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	COEI - Continued										
6150-01-043-9698	CABLE ASSEMBLY, INTERCONNECT	X		EA	1						
5935-01-006-1558	HANDLAMP ASSEMBLY	X		EA	1						
6665-01-010-0006	EYE PIECE, PRISM, THEODOLITE	X		EA	1						
6675-01-010-0107	EYE PIECE, FILTER, THEODOLITE	X		EA	1						
6675-01-006-1561	COVER, RAIN AND DUST, THEODOLITE	X		EA	1						
6675-01-014-6299	WIND SHELTER	X		EA	1						
6140-00-059-3528	BATTERY 4HN, BB-297/U	X		EA	1						
	BASIC ISSUE ITEMS (BBI)										
5120-00-965-0626	SCREWDRIVER, CROSS TIP, 3 IN BLADE	X		EA	1						
5120-00-236-2127	SCREWDRIVER, FLAT 3 IN BLADE TIP	X		EA	1						
5355-00-619-3835	KNOB, MODE SELECT	X		EA	1						
5355-00-619-4668	KNOB, BIAS CONTROL	X		EA	1						
5355-00-989-4269	KNOB, TEST SELECT	X		EA	1						
5355-01-007-8821	KNOB, CAGING	X		EA	1						
5120-00-228-9505	WRENCH, COMBINATION 7/16 INCHES	X		EA	1						
	TM 5-6675-250-10 OPERATOR MANUAL,			EA	1						
	SURVEY, INSTRUMENT, AZIMUTH, GYRO, LIGHTWEIGHT										
	(SIAGL)										

Reverse of DA Form 2062

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Unit Maintenance requirements for Survey Instrument, Azimuth, Gyro, Lightweight (AG-8, Type I).



THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM. CAREFULLY TEAR IT
OUT. FOLD IT AND DROP IT
IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEONARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-6675-250-10-HR

PUBLICATION DATE

20 Jan 88

PUBLICATION TITLE

Survey Instrument; Azimuth,
Gyro, Lightweight

BE EXACT. PIN-POINT WHERE IT IS

PAGE
NO

PARA-
GRAPH

FIGURE
NO

TABLE
NO

6

2-1
a

B1

4-3

125 line 20

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the
manual states the engine has
6 Cylinders. The engine on my
set only has 4 Cylinders.
Change the manual to show 4
Cylinders.

Callout 16 on figure 4-3 is
pointing at a bolt. In key
to figure 4-3, item 16 is called
a shim - Please correct
one or the other.

I ordered a gasket, item
19 on figure B-16 by NSN
2 910-00-762-3001. I got a
gasket but it doesn't fit.
Supply says I got what
I ordered, so the NSN is
wrong. Please give me a
good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (262) 317.7111

SIGN HERE.

JOHN DOE

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1 JUL 79

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TEAR ALONG PERFORATED LINE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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