

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

**TRACTOR, FULL TRACKED
LOW SPEED:
DIESEL ENGINE-DRIVEN-MEDIUM-DRAWBAR-PULL**

MODEL	NSN
TRACTOR WITH RIPPER	2410-01-223-0350
TRACTOR WITH RIPPER AND WINTERIZED CAB	2410-01-253-2118
TRACTOR WITH WINCH	2410-01-223-7261
TRACTOR WITH WINCH AND WINTERIZED CAB	2410-01-253-2117

Approved for Public Release; Distribution is Unlimited

HEADQUARTERS, DEPARTMENT OF THE ARMY

23 NOVEMBER 1992

Hand Receipt

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 23 November 1992

TM 5-2410-237-10-HR

HAND RECEIPT
COVERING CONTENTS OF
COMPONENTS OF END ITEM (COEI),
BASIC ISSUE ITEMS (BII),
AND ADDITIONAL AUTHORIZATION LIST (AAL)
FOR
SSN M061 TRACTOR, FULL TRACKED
LOW SPEED:
DIESEL ENGINE-DRIVEN-MEDIUM-DRAWBAR-PULL

MODEL	NSN
TRACTOR WITH RIPPER	2410-01-223-0350
TRACTOR WITH RIPPER AND WINTERIZED CAB	2410-01-253-2118
TRACTOR WITH WINCH	2410-01-253-7261
TRACTOR WITH WINCH AND WINTERIZED CAB	2410-01-253-2117

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes 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), direct to: Commander, US Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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Section I. INTRODUCTION

1. SCOPE. This publication provides an overprinted DA form 2062 (Hand Receipt) which lists the contents of Components of End Item (COE I), Basic Issue Items (BI I), and Additional Authorization List (AAL) items related to the MO61.

2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the contents of COEI, BII, and AAL extracted from TM 5-2410-237-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-2410-237-10.

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 in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies may be requisitioned from the U.S. Army Adjutant General Publications Center, 1655 Woodson Road, St. Louis, MO 63114 in accordance with AR 25-30.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).

A. From. Enter the organization for which the property book is maintained.

b. To. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.

c. Hand Receipt Number. Enter a locally designated number. Use it to post the location of property in the property book.

d. End Item Stock Number. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.

e. End Item Description. Contains the end item short title.

f. Publication Number. Contains the TM number of the technical manual containing the Operator/Crew instructions for the equipment.

g. Publication Date. Date of the Operator/Crew TM.

h. Quantity. Quantity of the end item covered by this hand receipt.

i. Stock Number (Column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity (CAGE) code and part number with exception data in accordance with AR 710-2.

j. Item Description (Column b). Identifies the item contained in the COEI, BII, and the AAL. It will also contain nomenclature, serial/USA number (if applicable) that will be useful in identifying and controlling the item. Serial number is to be inserted and initialed on all copies by hand receipt holder. In addition, it will contain the 5-digit Commercial and Government Entity (CAGE) code, Part Number (P/N) and "Usable on" code if applicable.

"Used on" codes, listed in the "Description" column, identify which items are used on different models. Codes used in this hand receipt are:

USED ON CODE	MODEL
(BLANK)	All
A	TRACTOR WITH RIPPER
AC	TRACTOR WITH RIPPER AND WINTERIZED CAB
B	TRACTOR WITH WINCH
BC	TRACTOR WITH WINCH AND WINTERIZED CAB

k. (Column c). The Accounting Requirements Code (ARC) is entered here.

NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not to disposal authority. Disposition action and authority for an unserviceable item is governed by the recoverability code (5th position of the SMR code) assigned to the item in the RPSTL.

One of the following codes will apply:

- N for Non-expendable: 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: Non-consumable components of sets, kits, outfits and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5140, 5180, 5210, 5220 and 5280; and any other non-consumable 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".
- (•) Stands for: Information not available.

I. SEC (Column d). The Physical Security/Pilferage code is entered here. This is a one-position code which indicates the security classification or pilferage control for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable.

SEC CODE	Physical Security Code
A	CONFIDENTIAL - Former Restricted Data
B	CONFIDENTIAL - Restricted Data
C	CONFIDENTIAL
D	CONFIDENTIAL - Cryptologic
E	SECRET - Cryptologic
F	TOP SECRET - Cryptologic
G	SECRET - Former Restricted Data
H	SECRET - Restricted Data
K	TOP SECRET - Former Restricted Data
L	TOP SECRET - Restricted Data
O	Naval Nuclear Propulsion Information
S	SECRET
T	TOP SECRET
U	UNCLASSIFIED

Sensitive Items

P	Ammunition and Explosives
Q	An item which is a drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol III, IV or V as defined in the Controlled Substance Act of 1970, and other items requiring secure storage.
R	Alcohol, alcoholic beverages, precious metals, drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol II as defined in the Controlled Substance Act of 1970, and other items requiring vault storage.
7	Sensitive information, prior to disposal, all nameplates, label plates, tags, stickers, documents or markings, which relate items to weapons system end item application, must be removed and destroyed.

SEC
CODE

Ammunition and Explosives Security Risk Code

- | | |
|---|--|
| 1 | Highest Sensitivity (Category I) - Non-nuclear missiles and rockets in a "ready to fire" configuration (e.g., Hamlet, Redeye, Stinger, Dragon, LAW, VIPER) and explosive rounds for non-nuclear missiles and rockets. This category also applies in situations where the launcher (tube) and explosive rounds, though not in a "ready to fire" configuration, are jointly stored or transported. |
| 2 | High Sensitivity (Category II) - Arms, Ammunition, and Explosives. |
| 3 | Moderate Sensitivity (Category III) - Arms, Ammunition, and Explosives. |
| 4 | Low Sensitivity (Category IV) - Arms, Ammunition, and Explosives. |
| 5 | Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of SECRET.* |
| 6 | Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of CONFIDENTIAL.* |
| 8 | High Sensitivity (Category II) - Arms, Ammunition, and Explosives with a physical security classification of CONFIDENTIAL.* |

Pilferable Items

- | | |
|---|--|
| I | Aircraft engine equipment and parts |
| M | Handtools and shop equipment |
| V | Individual clothing and equipment |
| W | Office Machines |
| X | Photographic equipment and supplies |
| Y | Communications/electronic equipment and parts |
| Z | Vehicular equipment and parts J Pilferable item, due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by |

recoding the items to J.

m. UI (Column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

n. QTY AUTH (Column f). The quantity authorized to be on hand, or part of the end item.

* Items coded 5, 6, or 8 will be stored and transported in accordance with the provisions of DOD 5100. 76-M or DOD 5200. 1-R, whichever is more stringent.

o. Quantity (Column g). Actual quantity on hand. Subcolumn A through F are to be filled in by the receiving unit/personnel in accordance with DA PAM 710-2-1, chapter 6.

p. Page No./No. of Pages. Contains page number and total number of pages for the COEI, BI I, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

4. SPECIAL INFORMATION: Not applicable.

5. AUTHORIZATION DOCUMENTS

- a. Components of End Items (COEI) are authorized by the applicable operator's manual.
- b. Basic Issue Items (BI I) are authorized by the applicable operator's manual.
- c. Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTA, or JTA authorization documents.

1-5/(1-6 blank)

QUANTITY	1
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[illegible]

PAGE 1 OF 6PAGES

HAND RECEIPT/ <i>For use of this form, see DA PAM 710-2-1.</i> <i>The proponent agency is ODCSLOG</i>		FROM		TO			HAND RECEIPT NUMBER						
FOR ANNEX/ CR ONLY	END ITEM STOCK NUMBER SEE SERIES BELOW	END ITEM DESCRIPTION TRACTOR, TYPE I AND IIA	PUBLICATION NUMBER TM 15-2410-237-10			PUBLICATION DATE			QUANTITY 1				
STOCK NUMBER <i>a.</i>		ITEM DESCRIPTION	Used On Code	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
								A	B	C	D	E	F
		COMPONENTS OF END ITEM (COEI):					1						
53-5-00-724-7218		BOLT: hex head capscrew 5/8-11 X 1 IN. (96096)		N	U	EA	9						
		ms 0-728-158 B,BC											
5305-00-782-9489		BOLT: hex head capscrew 3/8-16 x 2 in. (96906)		N	U	EA	8						
		MS 9078-66 A,AC											
5305-00-071-2069		BOLT: hex head capscrew 1/2-18 x 1 1/2 (96906)		N	U	EA	4						
		MDS 90728-113 B,BC											
5306-00-226-4833		BOLT: hex head capscrew 5/16-18 x 2 in. (96906)		N	U	EA	8						
		MS I90728-40											
5305-00-071-2066		BOLT: For winch cover storage on fuel tank (96096)											
		MS 90728-40 B,BC		N	U	EA	1						
4730-00-027-0755		CAP (11083) 9S8896		N	U	EA	1						
2815-01-165-5737		COVER: for hydraulic hoses (110830 5H4019 A,AC		N	U	EA	4						
5340-01-215-1481		COVER: for hydraulic hoses (11083) 2J2668 B,BC		N	U	EA	1						
3895-01-053-7358		COVER: for hydraulic hoses (11083) 5H4017		N	U	EA	4						
* 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	ITEM DESCRIPTION	Used On Code	*	SEC	UI	QTY AUTH	g. QUANTITY					
	(COEI) continued											
2520-00-569-3839	COVER: for winch spline opening (11083) 2A1465	B,BC	N	U	EA	1						
2910-00-046-9727	CYLINDER ASSEMBLY, Ether (611120 lp-535-1		X	U	EA	1						
2915-00-962-9008	ELBOW: for adapter tool (11083) 307950	B,BC	N	U	EA	1						
4730-01-051-5256	FLANGE, ½: for hydraulic hose clamp	A,AC	N	U	EA	8						
	(11083) 1p4579											
5340-00-007-9934	FLANGE, ½: for hydraulic hose clamp		N	U	EA	2						
5330-01-302-9890	GASKET: for ether cylinder (11083) 7N9801		X	U	EA	1						
5330-00-149-7248	GASKET: for winch spline opening (11083) 2A1466	B,BC										
2530-01-269-4804	JUNCTION BLOCK: for winch assembly	B,BC	N	U	EA	1						
	(110830 5R7848											
5310-00-732-0558	NUT, HEX: for hydraulic hose cover flange (96906)		N	U	EA	8						
	MS 51967—8											
5310-00-880-7744	NUT,HEX: for hydraulic hose cover flange (96906)	A,AC	N	U	EA	8						
5365-01-032-2194	PLATE: (11083) 2K5644	A,AC	N	U	EA	2						
5340-01-270-1800	PLATE: (11083) 3H6274		N	U	EA	2						
5340-01-272-8426	PLUG: (11083) 5P1004	B,BC	N	U	EA	2						

HAND RECEIPT/ <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG</i>		FROM		TO		HAND RECEIPT NUMBER		
FOR ANNEX/ CR ONLY	END ITEM STOCK NUMBER SEE SERIES BELOW	END ITEM DESCRIPTION TRACTOR, TYPE I AND IIA	PUBLICATION NUMBER TM 15-2410-237-10		PUBLICATION DATE		QUANTITY 1	
STOCK NUMBER <i>a.</i>		ITEM DESCRIPTION	Used On Code	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY <i>A B C D E F</i>
		(COEI) continued					1	
5330-00-944-8281		SEAL: FOR WINCH SPLINE HUB (11083) 3D2824 B,BC		X	U	EA	1	
5330-00-914-5846		SEAL: for hydraulic hose cover (11083) 4J524 B,BC		X	U	EA	1	
5330-00-913-6146		SEAL: for hydraulic hose cover (11083) 4J5140		X	U	EA	4	
5120-01-275-2128		TOOL, DRAIN: (11083) 5R6278 (for transmission)		N	U	EA	1	
		filler spout and final drive filler plug)						
5310-00-809-5997		WASHER: for hydraulic hose flange B,BC		N	U	EA	4	
		(96906) MS 27183-17						
5310-00-081-4219		WASHER: for hydraulic hose flange		N	U	EA	8	
		(96906) MS 27183-12						
5310-01-098-0624		WASHER: for winch cover storage on fuel tank B,BC		N	U	EA	1	
		(11083) 5P8245						
5310-00-003-9174		WASHER: for winch spline cover bolts B,BC		N	U	EA	9	
		(96906) MS 27183-21						
* 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)								

HAND RECEIPT/ <i>For use of this form, see DA PAM 710-2-1.</i> <i>The proponent agency is ODCSLOG</i>		FROM		TO		HAND RECEIPT NUMBER	
FOR ANNEX/ CR ONLY	END ITEM STOCK NUMBER SEE SERIES BELOW	END ITEM DESCRIPTION TRACTOR, TYPE I AND IIA	PUBLICATION NUMBER TM 15-2410-237-10		PUBLICATION DATE		QUANTITY 1

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION	Used On Code	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
							A	B	C	D	E	F
	BASIC ISSUE ITEMS (BII)											
	LUBRICATION CHART: LO 5-24-10-237-12		N	U	EA	1						
	MANUAL, HAND RECEIPT: TM 5-2410-037-10-HR		N	U	EA	1						
	MANUAL, OPERATORS: TM5-2410-037-10-HR		N	U	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)

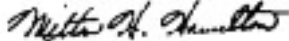
HAND RECEIPT/ <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG</i>		FROM		TO		HAND RECEIPT NUMBER		
FOR ANNEX/ CR ONLY	END ITEM STOCK NUMBER SEE SERIES BELOW	END ITEM DESCRIPTION TRACTOR, TYPE I AND IIA	PUBLICATION NUMBER TM 15-2410-237-10		PUBLICATION DATE		QUANTITY 1	
STOCK NUMBER <i>a.</i>		ITEM DESCRIPTION	Used On Code	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY <i>A B C D E F</i>
		ADDITIONAL AUTHORIZATION LIST (AAL)						
4930-00-204-2550		ADAPTER: GREASE GUN COUPLING: grease gun rigid, tin-stem 6 in. Long, type IV, class 2, (19207)		X	U	EA	1	
		5349744					1	
5110-00-293-2336		AX: single bit, 4 lb head weight, 4-3/4 in. cutting edge, 35-1/2 in. to 36 1/2 in. long, type I, class 1, design A, olive drab finish (19207) 6150925		D	U	EA	1	
2540-00-670-2459		BAG: pamphlet, cotton duck 3 in. x 9-1/4 x 11-1/4 in. in compartment behind operator's seat (19207)		N	U	EA	1	
		7961712						
5140-00-315-2775		BAG: tool, cotton duck 10 in. x 20 in. w/flap (81337) 5-7-1						
2590-00-473-6331		BRACKET ASSEMBLY, LIQUID CONTAINER: Strap Assembly included (19207) 6566675		X	U	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	ITEM DESCRIPTION	Used On Code	*	SEC	UI	QTY AUTH	g. QUANTITY					
	(AAL) continued											
7240-00-242-6153	CAN: water, MIL type, 5 gallon (19207) 11655980		X	U	EA	1						
7240-00-222-3088	CAN: gasoline, MIL type, 5 gallon, (81902) 14196P1		X	U	EA	1						
4010-00-473-6166	CHAIN ASSEMBLY:, tow, single leg, 5/8 in. link, 16 ft. Long, w/grab hook, w/2 pear-shaped coupling		X	U	EA	1						
	links, olive drab finish (19207) 7077063											
4930-00-288-1511	EXTENSION: grease gun, flex hose, 11 in. long to 14 in. long (19207) 6300333		X	U	EA	1						
4210-00-775-0127	EXTINGUISHER, FIRE, DRY CHEMICAL: stored pressure discharge, hand operated, 5 lb. Nominal capacity (19207) 7015266		X	U	EA	1						
6545-00-922-1200	FIRST AID KIT: general purpose, 12 unit (19207) 11677011		X	U	EA	1						
6230-00-264-8261	FLASHLIGHT: electric, hand, 2-cell, w/lamp and lens filter, w/o batteries, type I class A (21108)		X	U	EA	1						
	MX991-U											
4830-00-223-3391	GREASE GUN: hand, lever operated, 14 oz cartridge or bulk load (19207) (5644803)		X	U	EA	1						

HAND RECEIPT/ <i>For use of this form, see DA PAM 710-2-1.</i> <i>The proponent agency is ODCSLOG</i>		FROM		TO		HAND RECEIPT NUMBER	
FOR ANNEX/ CR ONLY	END ITEM STOCK NUMBER SEE SERIES BELOW	END ITEM DESCRIPTION TRACTOR, TYPE I AND IIA	PUBLICATION NUMBER TM 15-2410-237-10		PUBLICATION DATE		QUANTITY 1
STOCK NUMBER		ITEM DESCRIPTION	Used On Code	*	SEC d.	UI e.	QTY AUTH f. g. QUANTITY A B C D E F
		(AAL) continued					
5120-00-061-8546		HAMMER: hand, mechanist's, ball-peen, 2 lb., 15 in.		D	U	EA	1
		to 17 in. lg. Type II, class 1, style A (in tool box-					1
		vehicle right side) (81348) GGG-H-86					1
5120-00-288-6574		HANDLE: mattock, pick, railroad or clay pick		D	U	EA	1
		26 in. long, olive drag finish grade AA (19207) 11677021					
5120-00-243-2395		MATTOCK:, pick type, 5 lb. W/o handle, olive drab		D	U	EA	1
		finish, type II, class F (19207) 11677022					
4930-00-26609182		OILER: hand, push button, 8 oz. Capacity, 4 in. long		X	U	EA	1
		spout (96906) MX 15764-1					
5120-00-293-3336		SHOVEL: hand, round point, D handle, short size		X	U	EA	1
							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)							

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
General, United States Army
Chief of Staff

Official: 

MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army
03160

Distribution:

To be distributed in accordance with DA Form 12-25-E, Block No. 5973, Hand Receipt requirements for TM 5-2410-237-10-HR.

*U.S. GOVERNMENT PRINTING OFFICE: 199S 3U-421/0335

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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 PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS
ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS.

THE METRIC SYSTEM AND EQUIVALENTS

LENGTH MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

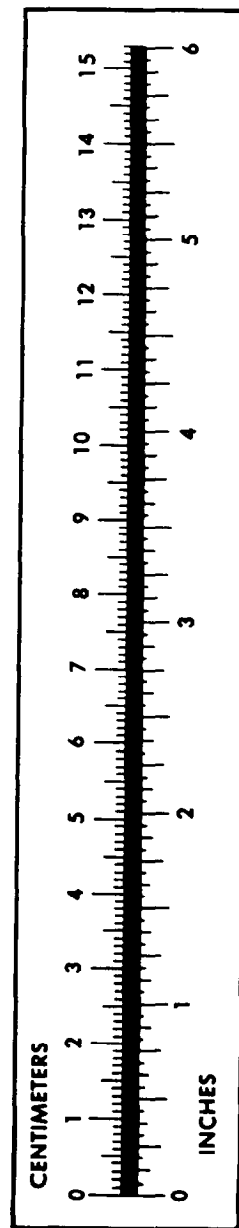
TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
Quarts	Liters	0.473
Gallons	Liters	0.946
Ounces	Liters	3.785
Pounds	Grams	28.349
Short Tons	Kilograms	0.454
Pound-Feet	Metric Tons	0.907
Pounds per Square Inch	Newton-Meters	1.356
Miles per Gallon	Kilopascals	6.895
Miles per Hour	Kilometers per Liter	0.425
	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
Liters	Gallons	0.264
Grams	Ounces	0.035
Grams	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
Kilometers per Liter	Miles per Gallon	2.354
Kilometers per Hour	Miles per Hour	0.621



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