

TM5-6675-313-14-HR

HAND RECEIPT

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

FOR

**TOPOGRAPHIC SUPPORT SYSTEM
OPERATIONS SECTION
MODEL ADC-TSS-1
NSN:6675-01-105-5751**

Approved for public release; distribution is unlimited

This Manual Supersedes TM 5-6675-313-14-HR, 3 September 1985.

HEADQUARTERS, DEPARTMENT OF THE ARMY

30 SEPTEMBER 1987

Hand Receipt
TM5-6675-313-14-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 30 September 1987

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

FOR

OPERATIONS SECTION

TOPOGRAPHIC SUPPORT SYSTEM

NSN 6675-01-105-5751

REPORTING OF 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), or DA Form 2028-2 located in the back of this manual, directly to: Commander, U.S. Army Troop Support Command, Attn: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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HAND RECEIPT FOR CONTENTS OF
 COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND
 ADDITIONAL AUTHORIZATION LIST ITEMS FOR
 OPERATIONS SECTION
 TOPOGRAPHIC SUPPORT SYSTEM
 NSN 6675-01-105-5751

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 Operations Section, Topographic Support System.

2. GENERAL.

Section II is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from TM 5-6675-313-14. The listings consist of exactly the same items and are in the same sequence as those listing in TM5-6675-313-14.

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 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 procedures.

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

Hand receipts shall identify the accounting requirement status of all line^aItem entries via column c. One of the following Accounting Requirements Codes (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.

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- (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 <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	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE		QUANTITY					
	6675-01-105-5751	Operations Section	TM 5-6675-313-14			17 May 1985							
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	UI	QTY AUTH <i>f.</i>	QUANTITY							
						A	B	C	D	E	F		
6675-01-105-5751	OPERATIONS SECTION, TOPOGRAPHIC SUPPORT SET, SEMITRAILER MOUNTED (51745) ADC-TSS-1	N		EA	1								
	COMPONENTS OF END ITEM (COEI)												
	BASE, FILING CABINET (88915) S4634	N		EA	1								
2510-01-033-7967	BODY, VAN TRAILER (97403) TL/MIL-B-13207	N		EA	1								
6675-00-724-9974	BOOKCASE, VEHICULAR MOUNTING (81349) MIL-C-40060/20, TYPE XX	N		EA	1								
	BOX, VEHICULAR ACCESSORIES FOR CLEANER, VACUUM (97403) 13225E3490	N		EA	1								
7195-00-105-7941	BULLETIN BOARD, CORK (79819) T5-2302	X		EA	1								
7195-00-105-7940	BULLETIN BOARD, CORK (79819) T5-2305	X		EA	1								
	CABINET, STORAGE, TECHNICAL MANUALS (97403) 13225E4648	N		EA	1								
7125-00-286-5259	CABINET, STORAGE, WALL (81349) MIL-C-40060/1, TYPE I	N		EA	7								

* 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).

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STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC d.	U e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
7125-00-764-5744	CABINET, STORAGE, SUPPLY (97403) 13225E3540	N		EA	1						
6150-01-134-0847	CABLE ASSEMBLY, POWER ELECTRICAL (90129)	X		EA	3						
	RC1736-5										
6150-01-081-9264	CABLE TERMINAL BOX ASSEMBLY, ELECTRICAL	X		EA	1						
	SPECIAL PURPOSE (51745) TL/TA 13222E6250										
7420-01-139-7441	CALCULATING MACHINE (51174) HP-32E	X		EA	1						
7110-00-273-8791	CHAIR, ROTARY (8D190) UC-S-17	N		EA	4						
7110-00-281-4472	CHAIR, ROTARY (8D190) UC-D42-L	X		EA	3						
7110-00-250-8573	CHALKBOARD (06608) 5552102	X		EA	1						
4940-01-118-1890	CLEANER, ULTRASONIC (79819) 3069 USC 3	X		EA	1						
7910-00-205-3400	CLEANER, VACUUM, ELECTRIC (51745) MVV 3400	N		EA	1						
7110-00-143-0830	DESK, FLAT TOP (79819) HN-7303	N		EA	3						
7110-00-143-0838	DESK, TYPEWRITER (37296) AA-D-191 TYPE II,	X		EA	1						
	CLASS 2										
5815-01-067-4655	FACSIMILE SET (12813) 705681-802	D		EA	1						
7110-01-229-1260	FILING CABINET, 4 DRAWER, RH MOUNTED (97403)	N		EA	1						
	13225E3590										
7110-01-229-1261	FILING CABINET, 4 DRAWER, LH MOUNTED (97403)	N		EA	1						
	13225E3591										

TMS-6675-313-14HR

STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	*	SEC <i>d</i>	U <i>e</i>	QTY AUTH <i>f</i>	QUANTITY					
						A	B	C	D	E	F
	COEI-CONTINUED										
7110-00-920-9320	FILING CABINET, SECURITY (54427) AA-F-358, CLASS 6, SIZE 3, 28 IN.DEEP, 52 IN. HIGH, 20.813 IN. WIDE	N		EA	1						
	FILING ASSEMBLY, MAP AND PLAN (97403) 13225E3138	N		EA	1						
5440-01-152-7751	LADDER, EXTENSION, FOLDING (39428) 8028T16	N		EA	1						
2540-01-133-9726	LADDER, VEHICLE BOARDING (97403) 13225E3074	X		EA	1						
	LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE SHELTER, LEFT HAND (52555) 1390-4	N		EA	2						
	LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE SHELTER, RIGHT HAND (52555) 1390-3	N		EA	2						
	LIGHT, EMERGENCY (97403) 13225E3497	X		EA	1						
5975-00-878-3791	ROD, GROUND (82370) A104	X		EA	1						
2330-01-076-4797	SEMITRAILER, FLATBED (97403) TL/MIL-B-13207, PARA. 3.11, FIG. 12, TABLES III AND IV	N		EA	1						
5120-01-013-1676	SLIDE HAMMER, GROUND ROD EMPLACEMENT (45225) P74-144	D		EA	1						
6675-01-203-1049	TABLE, SCRIBING, TRACING DRAFTING (33363) 99-9933	N		EA	2						
	TOP, FILING CABINET (88915) T3445	N		EA	1						

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI-CONTINUED										
6675-00-221-7121	TRACING BOARD (26954) 51J3	X		EA	1						
7520-00-224-7621	TRIMMER, PAPER, DROP KNIFE (81348)	X		EA	1						
	GG-T-678-TYPE-1, CLASS 5										
7430-00-663-9102	TYPEWRITER (61634) S27	N		EA	1						
6675-01-033-7750	VIEWER, STEREOSCOPIC CONTINUOUS STRIP,	N		EA	1						
	PHOTOGRAPHIC INTERPRETATION (33363) 72-0210										
4120-00-974-7206	AIR CONDITIONER (81349) MIL-A-52767	N		EA	2						

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STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						f.	A	B	C	D	E
	BASIC ISSUE ITEMS (BIIL)										
6675-01-114-7226	BAR, EXTENSION, BEAM COMPASS (33363) 55-1818	X		EA	2						
6675-01-071-8913	BEAM, ATTACHMENT, DRAFTING COMPASS (79819)	X		EA	2						
	3175BN										
7920-00-291-5815	BRUSH, WIRE, SCRATCH (39428) 7187T2	X		EA	1						
6675-00-459-8935	COMPASS, DRAFTING BEAM (79819) 3175-N	X		EA	2						
6675-00-904-1947	COMPASS, DRAFTING BEAM (33363) 55-1806	X		EA	2						
6675-01-071-8912	COMPASS, DRAFTING LEAD ATTACHMENT (79819)	X		EA	2						
	3175LA										
	COVER, WORKING SURFACE, BOARD DRAFTING (33363)	X		EA	1						
	99-9970										
6675-00-250-2508	CURVE, DRAFTING, IRREGULAR, FRENCH TYPE (79819)	X		EA	4						
	8255-A										
6675-00-250-2509	CURVE, DRAFTING, IRREGULAR, SHIP TYPE	X		EA	4						
	(17866) 2217-107										
6675-00-641-3512	DIVIDERS, DRAFTING, PLAIN (33363) 55-1794	X		EA	4						
6675-00-240-2049	DIVIDERS, DRAFTING, PROPORTIONAL (33363)	X		EA	2						
	55-1860										
6675-00-599-8880	DIVIDERS, EQUAL SPACING, 6.000 IN, (39428)	X		EA	1						
	1995D11, 6 IN.										

00

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
BILL CONTINUED											
6675-00-599-8879	DIVIDERS, EQUAL SPACING, 12.000 IN. (39428)	N		EA	1						
	1995D12, 12 IN.										
	DRAWING BOARD (33363) 64-1189	N		EA	1						
4210-00-555-8837	EXTINGUISHER, FIRE, MONOBROMOTRIFLUOROMETHANE	N		EA	2						
	(33525) T2										
7110-00-273-8774	FILING CABINET (8D190) H4-F3352	X		EA	6						
6545-00-922-1200	FIRST AID KIT, GENERAL PURPOSE (89875)	D		EA	1						
	SC C-6545-IL VOL 2										
7510-00-927-8685	KIT, PEN CLEANING (33363) 61-3115	X		KT	3						
5110-00-595-8400	KNIFE, CRAFTSMAN'S (99941) 3001	X		EA	4						
7520-01-008-7640	LEAD REPOINTER PENCIL (79819) 992WB	X		EA	2						
6675-00-551-0785	LETTERING SET (33363) 3245-14	N		EA	1						
6675-00-190-5854	LINE GUIDE, LETTERING, NONADJUSTABLE (17866)	X		EA	6						
	2030B6										
6650-00-477-9613	MAGNIFIER, MONOCULAR, LAMP TYPE (15607)	X		EA	2						
	KFM-1/B5D										
6650-00-255-8268	MAGNIFIER, MONOCULAR, LINEN TESTER (79819)	X		EA	4						
	Q8-9518										
6650-00-403-0812	MAGNIFIER, MONOCULAR, ROUND SHAPE (39428)	X		EA	2						
	1491U4										

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STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	U	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
BILL CONTINUED											
6675-00-222-2542	MEASURER, MAP (33363) 62-0300	X		EA	2						
5340-00-682-1505	PADLOCK SET (77765) MS21313-52	X		SE	1						
7510-01-030-7427	PEN POINT ASSORTMENT AND PENHOLDER (79819)	X		SE	4						
	3165-JDCS9										
5210-00-273-1965	RULE, STEEL, MACHINIST'S (57163) CME600	X		EA	1						
6675-00-641-5727	SCALE, DRAFTING (33363) 56-3280	X		EA	4						
6675-00-283-0035	SCALE, PLOTTING (17866) GG-S-161/8	X		EA	4						
6675-00-283-0027	SCALE, PLOTTING (23344) 28/YD, 10 IN.	X		EA	4						
6675-00-283-0037	SCALE, PLOTTING (23366) 28/MR, 12 IN.	X		EA	4						
6675-00-580-5077	SCALE, PLOTTING (97403) TL/MIL-S-20197	N		EA	1						
5120-00-234-8913	SCREWDRIVER, CROSS TIP, SIZE 2 (81348)	X		EA	1						
	GGG-S-121										
5120-00-234-8910	SCREWDRIVER, FLAT TIP (78525) 1006	X		EA	1						
7510-00-224-7242	SHIELD, ERASING (79819) 03-605	X		DZ	1						
6675-00-641-3561	STEREOSCOPE, LENS, AERIAL PHOTOGRAPH	X		EA	4						
	INTERPRETATION, ABRAMS MODEL SV-1 (7D560)										
	51034										
	STRAIGHTEDGE (33363) 56-4150	X		EA	1						
	STRAP ASSEMBLY, BUCKLE-END, 6.0 IN. (82820)	X		EA	5						
	1844-104										

6

10

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY					
						A	B	C	D	E	F
	BIIL CONTINUED										
	STRAP ASSEMBLY, BUCKLE-END, 8.0 IN. (82820)	X		EA	4						
	1844-101										
	STRAP ASSEMBLY, TIP-END, 8.0 IN. (82820)	X		EA	4						
	1845-107										
	STRAP ASSEMBLY, TIP-END, 36.0 IN. (82820)	X		EA	1						
	1845-106										
	STRAP ASSEMBLY, TIP-END, 40.0 IN. (82820)	X		EA	10						
	1845-101										
	STRAP ASSEMBLY, WEBBING, 30.00 IN. (98313)	X		EA	3						
	13225E3695-8										
	STRAP ASSEMBLY, WEBBING, 45.00 IN. (98313)	X		EA	4						
	13225E3695-3										
	STRAP ASSEMBLY, WEBBING, 55.00 IN. (98313)	X		EA	7						
	13225E3695-6										
	STRAP ASSEMBLY, WEBBING, 29.00 IN. (98313)	X		EA	2						
	13225E3695-13										
6675-00-253-5501	TEMPLATE, DRAFTING (79819) 830140	X		EA	4						
5140-00-331-5496	TOOL BOX, PORTABLE, 1 FIXED HINGED TRAY	D		EA	4						
	(75206) CS 19										

TMS-6675-313-14-HR

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	BIIL CONTINUED										
5140-00-315-2747	TOOL BOX, PORTABLE, 1 REMOVABLE TRAY (75206)	D		EA	1						
	CS 16										
6675-00-190-5863	TRIANGLE, DRAFTING, 2 45 DEGS, (33363)	X		EA	4						
	57-0292, SIZE 10										
6675-00-190-5867	TRIANGLE, DRAFTING, 1 30 DEG, 1 60 DEG, (33363)	X		EA	4						
	57-0220, SIZE 10										
6675-00-183-6487	T-SQUARE (81562) 8068E	X		EA	2						
5120-00-224-7271	WISE, PIN (18037) PVDE	X		EA	3						
5120-00-264-3795	WRENCH, ADJUSTABLE (80244) GGG-W-631-TY 2 CL 2	X		EA	1						
TM 5-6675-313-14	OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT AND			EA	1						
	GENERAL SUPPORT. OPERATIONS SECTION										
TM 5-6675-313-24P	REPAIR PARTS SPECIAL TOOL LIST OPERATIONS			EA	1						
	SECTION										

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 Topographic Support System, Operations Section (ADC-TSS-1).

*U.S. GOVERNMENT PRINTING OFFICE: 1987 754-122/60001



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 5-6675-313-14-HR

PUBLICATION DATE

30 Sep 87

PUBLICATION TITLE Hand Receipt for TSS,
Operations Section

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 (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.
DRST5-M Overprint 1, 1 Nov 80

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

TEAR ALONG PERFORATED LINE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY
DOD 314



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U S ARMY TROOP SUPPORT COMMAND
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ST. LOUIS, MO 63120-1798

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

TM 5-6675-313-14-HR

PUBLICATION DATE

30 Sep 87

PUBLICATION TITLE Hand Receipt for TSS, Operators Section

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.
DRSTS-M Overprint 2, 1 Nov 80.

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TEAR ALONG PERFORATED LINE

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ST. LOUIS, MO 63120-1798

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

To change	To	Multiply by	To change	To	Multiply by
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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