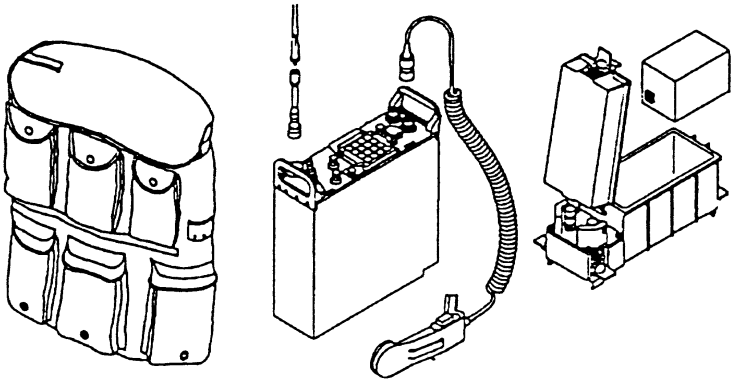
AN/PRC-119 SINCGARS



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Radio Set
SSN:	B00501
LIN:	R55268
NSN:	5820-01-151-9915
AMIM NO:	I188
EIC:	L2A
FUEL TYPE:	------

SYSTEM DESCRIPTION

The AN/PRC-119 is the portable version of the Single Channel Ground and Airborne Radio System (SINCGARS). It provides a high level of security against surveillance and jamming. The radio set consists of a battery box, one lithium sulphur dioxide battery, a whip antenna, and handset. There are provisions for a plug-in Electronic Counter Countermeasures (ECCM) frequency hopping module and a plug-in data module. A self-contained remote control interface is provided within the receiver/transmitter for remoting the radio through a two-wire line. The AN/PRC-119 weighs 18.3 pounds with the battery.

The list below identifies components associated with this weapon/materiel system.

AN/PRC-119 SINCGARS

LIN	NSN	NOMENCLATURE
A83127	6130-01-055-1574	ANALYZER-CHARGER BATTERY, AN/USM-43
E95031	5895-01-188-8816	EC FIL D MX-10579/VRC

SYSTEM VARIANTS

MDS	LIN	NSN
AN/PRC-119	R83005	5820-01-267-9482

This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

AN/PRC-119 SINCGARS
FY 94 TOTAL ARMY COST SUMMARY
(FY 94 Constant Dollars)

DENSITY

NUMBER OF SYSTEMS	7,740

DEPOT END ITEM MAINTENANCE (5.061)

TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/END ITEM	$0.00

CLASS III-POL (5.05)

NOT APPLICABLE

DEPOT SECONDARY ITEM MAINTENANCE

TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/SECONDARY ITEM	$0.00

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

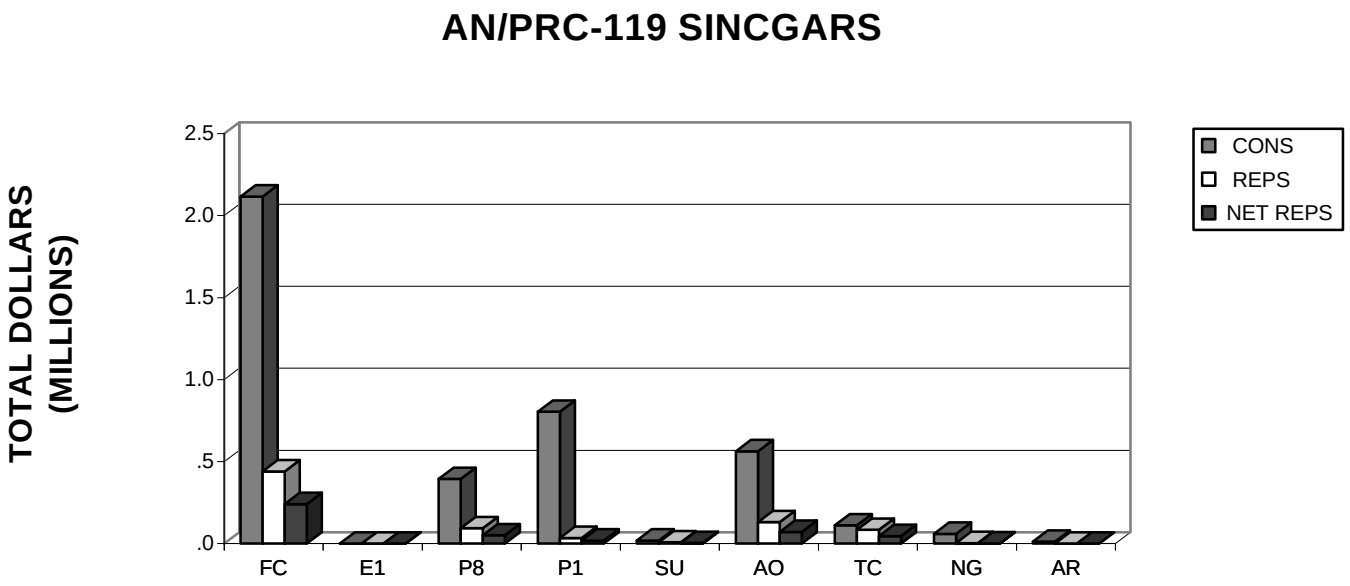
INTERMEDIATE MAINTENANCE

	DS/GS	CIVILIAN
MIL/CIV LABOR COST	$35,014	$876
AVG COST/SYSTEM	$4.52	$0.11
MAINTENANCE MANHOURS	2,108	44
MMHs/SYSTEM	0.27	0.01

CLASS IX MATERIEL-PARTS (5.04/5.03)

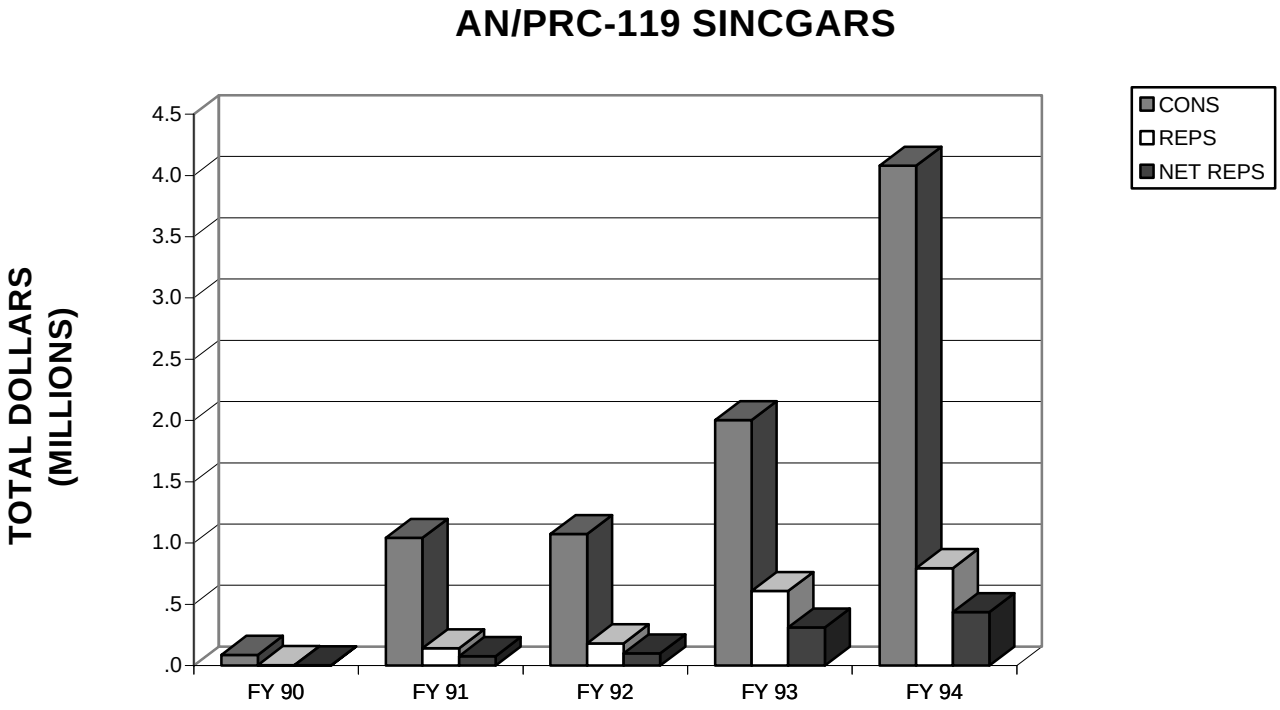
	FY 94 DOLLARS	AVG COST PER SYSTEM
CONSUMABLES	$4,080,634	$527.21
NET REPARABLES	$435,649	$56.29
NET TOTAL COSTS	$4,516,283	$583.50

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.



AN/PRC-119 SINCGARS FY 94 MACOM CLASS IX COSTS							
MACOM				NET	NET TOTAL	NUMBER OF	AVG PER
CODE	NAME	CONS	REPS	REPS	COSTS	SYSTEMS	SYSTEM
FC	FORSCOM	2,116,590	440,273	241,268	2,357,858	3,136	752
E1	USAREUR	0	0	0	0	0	0
P8	EUSA	394,660	94,021	51,523	446,183	897	497
P1	USARPAC	804,457	34,514	18,915	823,372	819	1,005
SU	USARSO	18,631	7,914	4,336	22,967	26	883
AO	USASOC	562,904	130,996	71,787	634,691	1,120	567
TC	TRADOC	111,359	84,109	46,092	157,451	903	174
NG	ARNG	59,634	2,898	1,588	61,222	505	121
AR	USAR	12,399	255	140	12,539	334	38
TA	TOTAL ARMY	4,080,634	794,980	435,649	4,516,283	7,740	583

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.



AN/PRC-119 SINCGARS FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90	87,409	3,820	2,101	89,510	589	152
FY 91	1,042,549	139,967	76,981	1,119,530	1,452	771
FY 92	1,072,318	181,339	99,737	1,172,055	2,780	422
FY 93	2,003,465	608,830	310,502	2,313,967	5,976	387
FY 94	4,080,634	794,980	435,649	4,516,283	7,740	583

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/PRC-119 SINCGARS
FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	781,634	750,709	411,388	1,193,022	7,740	154
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	19,434	44,271	24,261	43,695	7,740	6
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	3,279,566	0	0	3,279,566	7,740	424
	TOTAL	4,080,634	794,980	435,649	4,516,283	7,740	583

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/PRC-119 SINCGARS
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0
03	COMMUNICATIONS	22,517	249,045	326,925	867,298	1,193,022
04	PERIPHERALS	0	0	0	0	0
05	ENVIRON SUPPORT	156	2,650	1,032	35,504	43,695
06	APPLICATIONS	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0
09	OTHER	66,837	867,835	844,098	1,411,165	3,279,566
	TOTAL	89,510	1,119,530	1,172,055	2,313,967	4,516,283
	NUM OF SYSTEMS	589	1,452	2,780	5,976	7,740
	AVG PER SYSTEM	152	771	422	387	583

AN/PRC-119 SINCGARS
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	6135010363495	BATTERY,PRIMARY,LIT	09	Z		G22TJ	51.54	62,496.73
2.	5965012474723	HANDSET	03A	Z		Q2200	104.98	774.74
3.	5985012359189	ANTENNA MANPACK	03C	O		G21R9	68.02	1,096.48
4.	5965000433463	HANDSET H-250/U	03A	Z		G227B	35.53	1,830.11
5.	5985012011498	ANTENNA ELEMENT	03C	Z		Q2200	77.65	802.45
6.	5895011888819	AMPLIFIER,ADAPTER,V	03E	F		G24R9	2,498.00	24.08
7.	5995012955360	CABLE ASSEMBLY,SPEC	03J	F		G21S3	213.00	202.26
8.	6160012844200	BATTERY BOX	09	F		G21R9	252.00	154.11
9.	5895013392977	PANEL,CONTROL,ELECT	03E	F	D	G24R9	949.00	31.78
10.	5985011989514	ANTENNA ELEMENT	03C	Z		Q2200	30.57	914.70
11.	5895011998614	PANEL,RECEIVER	03B	F		G21R9	1,044.00	26.10
12.	5895013187991	DEMODULATOR	03E	H	D	G21R9	309.00	59.26
13.	5995013518286	CABLE ASSEMBLY,PRIN	03E	Z		G22R9	148.00	109.77
14.	5999012755524	CIRCUIT CARD ASSEMB	03E	Z		G22R9	336.00	47.95
15.	5985012040074	BASE,ANTENNA SUPPOR	03C	Z		G22R9	46.35	346.45
16.	5995013033101	CABLE ASSEMBLY,PRIN	03E	Z		G24R9	153.00	102.53
17.	5998013184128	CIRCUIT CARD ASSEMB	03E	H		G21R9	242.00	60.53
18.	5998013419185	ELECTRONIC COMPONEN	03E	Z	D	G22R9	290.00	49.61
19.	5895013048389	AMPLIFIER,ADAPTER	03E	F	D	G24R9	2,311.00	6.00
20.	6130013251826	POWER SUPPLY	05A	Z		G22R9	296.00	44.24
21.	5998012862711	ELECTRONIC COMPONEN	03E	Z	D	G22R9	290.00	44.63
22.	5999012045159	CHASSIS,ELECTRICAL-	03E	H		G21R9	1,011.00	11.46
23.	5915011792807	NETWORK,IMPEDANCE M	03E	Z	D	G22R9	211.00	53.93
24.	6135010703865	BATTERY,DRY	09	Z		G22TJ	51.54	183.92
25.	5995013518287	CABLE ASSEMBLY,PRIN	03E	Z		G22R9	133.00	64.80
26.	5995013033102	CABLE ASSEMBLY,PRIN	03E	Z		G24R9	124.00	68.48
27.	5975013518304	PANEL,ELECTRICAL-EL	03E	Z		G24R9	130.00	62.91
28.	5935013602630	CONNECTOR ASSEMBLY,	03E	F		G21RU	353.00	22.00
29.	5998012822855	CIRCUIT CARD ASSEMB	03E	Z		G24R9	176.00	38.85
30.	5985013232674	ANTENNA	03C	Z		G24R9	26.63	251.18
31.	5985011950779	ANTENNA SUBASSEMBLY	03C	F		G21S3	201.00	32.79
32.	5998012755523	CIRCUIT CARD ASSEMB	03E	H		G21R9	484.00	13.58
33.	5998012822854	CIRCUIT CARD ASSEMB	03E	Z		G22R9	167.00	39.25
34.	6130011792736	POWER SUPPLY	05A	H		G21R9	296.00	19.82
35.	5998012822856	CIRCUIT CARD ASSEMB	03E	Z		G22R9	157.00	36.43
36.	5935012280709	COVER,ELECTRICAL CO	03J	Z		Q2200	4.06	1,404.85
37.	5820013052469	PANELL,RECEIVER	03B	Z		G24R9	154.00	31.82
38.	5998013168721	CIRCUIT CARD ASSEMB	03E	Z	D	G22R9	160.00	28.95
39.	5935006860447	CONNECTOR	03J	Z		Q2200	66.90	65.47
40.	5998012822853	CIRCUIT CARD ASSEMB	03E	Z		G22R9	139.00	31.28

NUMBER OF SYSTEMS	7,740

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/PRC-119 SINCGARS
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 90-94 FIVE YEAR AVERAGE QTY	FY 90-94 FIVE YEAR AVERAGE EXTENDED COST
3,221,082	416.16	807.4513	23,060.34	1,188,530
81,333	10.51	10.0096	267.42	28,074
74,582	9.64	14.1664	483.85	32,911
65,024	8.40	23.6448	698.76	24,827
62,311	8.05	10.3676	401.21	31,154
60,152	7.77	0.3111	9.97	24,905
43,082	5.57	2.6132	77.47	16,501
38,835	5.02	1.9911	79.18	19,953
30,159	3.90	0.4106	8.11	7,696
27,962	3.61	11.8178	435.64	13,318
27,248	3.52	0.3372	13.44	14,031
18,311	2.37	0.7656	15.89	4,910
16,247	2.10	1.4182	29.42	4,354
16,112	2.08	0.6195	12.76	4,287
16,058	2.07	4.4761	119.92	5,558
15,687	2.03	1.3247	38.56	5,900
14,648	1.89	0.7820	18.46	4,467
14,387	1.86	0.6410	14.75	4,278
13,866	1.79	0.0775	1.32	3,051
13,095	1.69	0.5716	13.44	3,978
12,942	1.67	0.5766	15.82	4,588
11,585	1.50	0.1481	4.01	4,054
11,379	1.47	0.6968	17.95	3,787
9,479	1.22	2.3762	36.96	1,905
8,619	1.11	0.8372	19.12	2,543
8,491	1.10	0.8848	33.57	4,163
8,179	1.06	0.8128	20.57	2,674
7,766	1.00	0.2842	4.82	1,701
6,838	0.88	0.5019	10.85	1,910
6,689	0.86	3.2452	77.29	2,058
6,590	0.85	0.4236	25.99	5,224
6,573	0.85	0.1755	6.39	3,093
6,555	0.85	0.5071	10.61	1,772
5,867	0.76	0.2561	9.12	2,700
5,720	0.74	0.4707	10.16	1,595
5,704	0.74	18.1505	540.46	2,194
4,901	0.63	0.4111	17.49	2,693
4,633	0.60	0.3740	9.11	1,458
4,379	0.57	0.8459	42.22	2,825
4,348	0.56	0.4041	9.90	1,376

4,017,418	98.5%	TOP 40
63,216	1.5%	OTHERS
4,080,634		

AN/PRC-119 SINCGARS
COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE W/O CREDIT	FY 94 AMDF UNIT PRICE W/CREDIT	FY 94 QTY
1.	5895012822851	RECEIVER SUBASSEM	03B	H	C	G21R9	1,571.00	860.91	103.56
2.	5820011888818	EXCITER,RADIO FREQ	03E	D		G21R9	1,029.00	563.89	103.45
3.	5820012822846	CONTROL,COUNTER	03E	D		G21R9	2,008.00	1,100.38	34.75
4.	5895013602623	AMPLIFIER SUBASSEM	03E	H	E	G24R9	540.00	295.92	108.98
5.	5998013081428	CIRCUIT CARD ASSEM	03E	D	D	G21R9	1,075.00	589.10	52.58
6.	5820011792808	SYNTHESIZER,ELECTF	03E	D	C	G21R9	615.00	337.02	81.52
7.	5820013100282	CONTROL,COUNTER C	03E	D		G24R9	1,697.00	929.96	21.65
8.	5895011950827	RECEIVER-TRANSMIT	03E	F	C	G21R9	6,227.00	3,412.40	4.77
9.	5820011888817	TUNER,RADIO FREQUI	03E	D		G21R9	456.00	249.89	64.44
10.	5820013236265	CHASSIS,ELECTRICAL	03E	H	C	G24R9	1,084.00	594.03	25.53
11.	5998013501709	CIRCUIT CARD ASSEM	03E	D	E	G24R9	413.00	226.32	60.93
12.	6130013578563	POWER SUPPLY	05A	H	E	G21R9	572.00	313.46	41.98
13.	6130011792737	POWER SUPPLY	05A	D	E	G24R9	610.00	334.28	33.21
14.	5985011897925	ANTENNA	03C	O	E	G21RU	577.00	316.20	24.98
15.	5999012877131	ELECTRONIC COMPON	03E	D	D	G21R9	298.00	163.30	42.23
16.	5999013578559	CHASSIS,ELECTRICAL	03E	D		G23R9	1,310.00	717.88	8.98
17.	5999013448473	CHASSIS,ELECTRICAL	03E	D		G24R9	518.00	283.86	22.02
18.	5998013687102	CIRCUIT CARD ASSEM	03E	D		G21R9	1,226.00	671.85	8.00
19.	5820011792680	CONTROL ASSEMBLY	03E	D		G21R9	528.00	289.34	16.53
20.	5998011792825	CIRCUIT CARD ASSEM	03E	D		G21R9	182.00	99.74	42.51
21.	5998010781850	CIRCUIT CARD ASSEM	03J	D		G21TF	378.49	207.41	19.00
22.	5895013196697	CONTROL ASSEMBLY	03E	D	C	G24R9	705.00	386.34	5.00
23.	5998013157953	CIRCUIT CARD ASSEM	03E	D	D	G21R9	413.00	226.32	3.96
24.	5820013557387	CHASSIS,ELECTRICAL	03E	H	R	G24R9	1,386.00	759.53	1.00
25.	5895013068093	AMPLIFIER,RADIO FRE	03E	F	E	G21R9	439.00	240.57	3.00
26.	5998011792821	CIRCUIT CARD ASSEM	03E	D		G21R9	278.00	152.34	4.70
27.	5999013207953	CHASSIS,ELECTRICAL	03E	H	E	G24R9	538.00	294.82	2.00
28.	5820011519922	ECCM UN C-11290()/VF	03E	D	D	G21R9	1,697.00	929.96	0.53
29.	5820012028810	CIRCUIT CARD ASSEM	03E	D		G21R9	165.00	90.42	4.12
30.	5999013157951	CHASSIS,ELECTRICAL	03E	D		G21R9	518.00	283.86	1.11
31.	5998011792823	CIRCUIT CARD ASSEM	03E	D	D	G21R9	242.00	132.62	2.04
32.	5998011792824	CIRCUIT CARD ASSEM	03E	D		G21R9	137.00	75.08	2.79
33.	5998012490292	CIRCUIT CARD ASSEM	03E	D		G21R9	278.00	152.34	1.11
34.	5998013196713	CIRCUIT CARD ASSEM	03E	D	C	G24R9	240.00	131.52	0.99
35.	5998012822857	CIRCUIT CARD ASSEM	03E	D	D	G21R9	242.00	132.62	0.37
36.	5820013142772	TUNER,RADIO FREQUI	03E	D	D	G24R9	456.00	249.89	0.15

NUMBER OF SYSTEMS	7,740

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/PRC-119 SINCGARS
REPARABLES (DLRs)

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT) PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 90-94 FIVE YEAR AVERAGE QTY	FY 90-94 FIVE YEAR AVERAGE EXTENDED COST (W/CREDIT)
89,155	11.52	1.3380	27.91	24,028
58,334	7.54	1.3366	31.49	17,757
38,238	4.94	0.4490	8.95	9,848
32,250	4.17	1.4080	36.00	10,653
30,976	4.00	0.6793	12.72	7,493
27,474	3.55	1.0532	27.30	9,201
20,134	2.60	0.2797	7.33	6,817
16,277	2.10	0.0616	9.55	32,588
16,103	2.08	0.8326	18.29	4,570
15,166	1.96	0.3298	8.31	4,936
13,790	1.78	0.7872	16.99	3,845
13,160	1.70	0.5424	11.40	3,573
11,101	1.43	0.4291	12.64	4,225
7,898	1.02	0.3227	20.60	6,514
6,897	0.89	0.5456	12.85	2,098
6,447	0.83	0.1160	2.20	1,579
6,250	0.81	0.2845	5.00	1,419
5,375	0.69	0.1034	1.60	1,075
4,783	0.62	0.2136	7.91	2,289
4,240	0.55	0.5492	10.50	1,047
3,940	0.51	0.2455	6.80	1,410
1,931	0.25	0.0646	1.20	464
896	0.12	0.0512	0.79	179
760	0.10	0.0129	0.40	304
722	0.09	0.0388	0.60	144
716	0.09	0.0607	4.34	661
590	0.08	0.0258	3.00	884
493	0.06	0.0068	5.51	5,124
372	0.05	0.0532	3.02	273
315	0.04	0.0143	0.22	62
271	0.04	0.0264	3.41	452
209	0.03	0.0360	3.56	267
169	0.02	0.0143	0.42	64
131	0.02	0.0128	0.40	53
49	0.01	0.0048	0.07	9
37	0.00	0.0019	0.03	7

435,649	100.0%	COST DRIVERS
0	0.0%	OTHERS
435,649		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/PRC-119 SINCGARS
FY 94 DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	0	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	0	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	0	0	0	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
QTY COMPLETED	0	0	0	0	0	0	0
AVG COST	0	0	0	0	0	0	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate ($16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/PRC-119 SINCGARS
FY 94 INTERMEDIATE MAINTENANCE COSTS

MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	759	12,607	44	876	19.91
USAREUR	0	0			
EUSA	846	14,052			
USARPAC	362	6,013			
USARSO	14	233			
USASOC	98	1,628			
TRADOC	1	17	0	0	0.00
ARNG	19	316			
USAR	9	149			
TOTAL ARMY	2,108	35,014	44	876	19.91

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/PRC-119 SINCGARS
FIVE YEAR DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR	0	0	0	0	0	0	0	822	385	0
MILITARY LABOR	0	0	0	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	0	0	512	89	0
TRANSPORTATION	0	0	0	0	0					
OVERHEAD	0	0	0	0	0	0	919	832	863	0
CONTRACT	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	191	28	0	0
TOTAL	0	0	0	0	0	0	1,110	2,194	1,337	0
QTY COMPLETED	0	0	0	0	0	0	9	2	3	0
AVG COST	0	0	0	0	0	0	123	1,097	446	0

The table below sumarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/PRC-119 SINCGARS
FIVE YEAR INTERMEDIATE MAINTENANCE COSTS

MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM	0	0	54	16,302	12,607	0	0	248	1,380	876
USAREUR	0	0	0	0	0					
EUSA	2,358	6,142	12,619	14,898	14,052					
USARPAC	0	0	1,757	5,620	6,013					
USARSO	246	32	334	542	233					
USASOC	0	0	1,942	2,291	1,628					
TRADOC	0	0	0	0	17	0	1,212	13,122	28,340	0
ARNG	0	0	668	379	316					
USAR	0	0	0	0	149					
TOTAL ARMY	2,604	6,174	17,374	40,032	35,014	0	1,212	13,370	29,720	876
LABOR HRS	155	364	1,032	2,330	2,108	0	41	650	1,441	44
COST PER HR	16.80	16.96	16.84	17.19	16.61	0.00	29.56	20.57	20.62	19.91

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/PRC-119 SINCGARS
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA AVAILABLE					

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/PRC-119 SINCGARS
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/PRC-119 SINCGARS
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5820-01-188-8817	TUNER,RADIO FREQ	456	1,265	2	633
5820-01-188-8818	EXCITER,RADIO FR	1,029	1,187	1	1,187
5820-01-151-9922	ECCM UN C-11290(	1,697	517	1	517
5895-01-179-2808	SYNTHESIZER,ELEC	615	354	1	354

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/PRC-119 SINCGARS
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
5895-01-195-0827	RECEIVER-TRANSMI	6,227	1,318	9	146

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