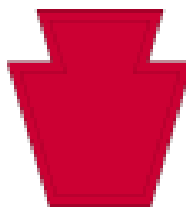












# SBCCT REFERENCE BOOK

AS OF NOV 2015



# SBCT MODERNIZATION

ARMY REDUCES TO 450K

	FY15	FY16	FY17	FY18	FY19	FY 20
1/1  JCR/BFT	CS14 NET A2020 Conversion		K- TO&E			
1/4  JCR/BFT	A2020 Conversion DVH Vehicle Fielding		K TO&E			DVH W/ECP I
2CR  JCR/BFT	A2020 Conversion		K- TO&E	30 mm		
2/2  JCR/BFT	CS14 NET A2020 Conversion		DVH Vehicle Fielding K- TO&E			DVH W/ECP I FY22
1/25 	A2020 Conversion	JCR/BFT	K- TO&E			
2/25  JCR/BFT	A2020 Conversion	 81 SBCT	SBCT Conversion K- TO&E			
3CR  JCR/BFT	A2020 Conversion DVH Vehicle Fielding		K- TO&E			DVH W/ECP 1 FY21
1/2  JCR/BFT	CS14 NET	A2020 Conversion	K- TO&E			
56 		A2020 Conversion		K- TO&E		
JCR/BFT Complete FY17	A2020 Conversion Complete FY17	CS14 NET No plan after FY 16	DVH Vehicle Fielding 1-3 Complete FY18	K- TO&E Scout, Sniper, WPNS TRP, REDUX	DVH w/ECP 4 <sup>th</sup> DVH TBD FY 20 Field FY 23	

# **SBCT MISSION**

**Disrupt or Destroy enemy military forces, control land areas including populations and resources and be prepared to conduct combat operations to protect US national interests.**

## **Mission Essential Task List**

- **Conduct Mission Command (ART 5.0)**
  - TG: Conduct the Mission Command Operations Process
  - TG: Conduct Command Post operations
  - TG: Synchronize Information-Related Capabilities
  - TG: Plan Actions Associated with Force Projection
- **Conduct Offensive Operations (ART 7.1)**
  - TG: Conduct a Movement to Contact
  - TG: Conduct an Attack
  - TG: Conduct an Air Assault
- **Conduct Defensive Operations (ART 7.2)**
  - TG: Conduct a Area Defense
- **Conduct Security Operations (ART 6.7.3)**
  - TG: Conduct Area Security for(BN - Corps)
  - TG: Conduct Area Security (BN & BDE)
- **Conduct Stability Operations (ART 7.3)**
  - TG: Coordinate Essential Services for Host Nation
  - TG: Coordinate Civil Security
- **Provide Fire Support (ART 3.2)**
  - TG: Conduct Fire Support

Updated Jan 2015

# SBCT UNITS

**1/25 SBCT**  
 3-21 IN  
 1-5 IN  
 1-24 IN  
 5-1 CAV  
 2-8 FA  
 70 EN  
 25 BSB



**1/2 SBCT**  
 1-23 IN  
 2-3 IN  
 5-20 IN  
 1-14 CAV  
 1-37 FA  
 23 EN  
 296 BSB



**2/2 SBCT**  
 2-1 IN  
 1-17 IN  
 4-23 IN  
 8-1 CAV  
 2-17 FA  
 14 EN  
 2 BSB

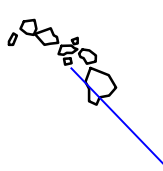


AC  
 RC  
 IBCT

**56/28 SBCT**  
 1-111 IN  
 1-112 IN  
 2-112 IN  
 2-104 CAV  
 1-108 FA  
 103 EN  
 328 BSB



**81 SBCT**  
 1-161 IN  
 3-161 IN  
 2-146 FA  
 898 BEB  
 181 BSB  
 1-82 CAV +FSC  
 #2 EN CO  
 (WPN TRP)  
 1-185 IN +FSC



**2/25 SBCT**  
 1-14 IN  
 1-21 IN  
 1-27 IN  
 2-14 CAV  
 2-11 FA  
 65 EN  
 225 BSB



**1/4 SBCT**  
 4-9 IN  
 2-23 IN  
 1-38 IN  
 2-1 CAV  
 2-12 FA  
 299 EN  
 4 BSB



**1/1 SBCT**  
 1-36 IN  
 3-41 IN  
 4-17 IN  
 6-1 CAV  
 2-3 FA  
 16 EN  
 501 BSB



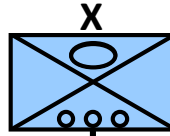
**3 CR SBCT**  
 1 SQDN  
 2 SQDN  
 3 SQDN  
 4 SQDN  
 FA SQDN  
 EN SQDN  
 SPT SQDN



**2 CR SBCT**  
 1 SQDN  
 2 SQDN  
 3 SQDN  
 4 SQDN  
 FA SQDN  
 EN SQDN  
 SPT SQDN



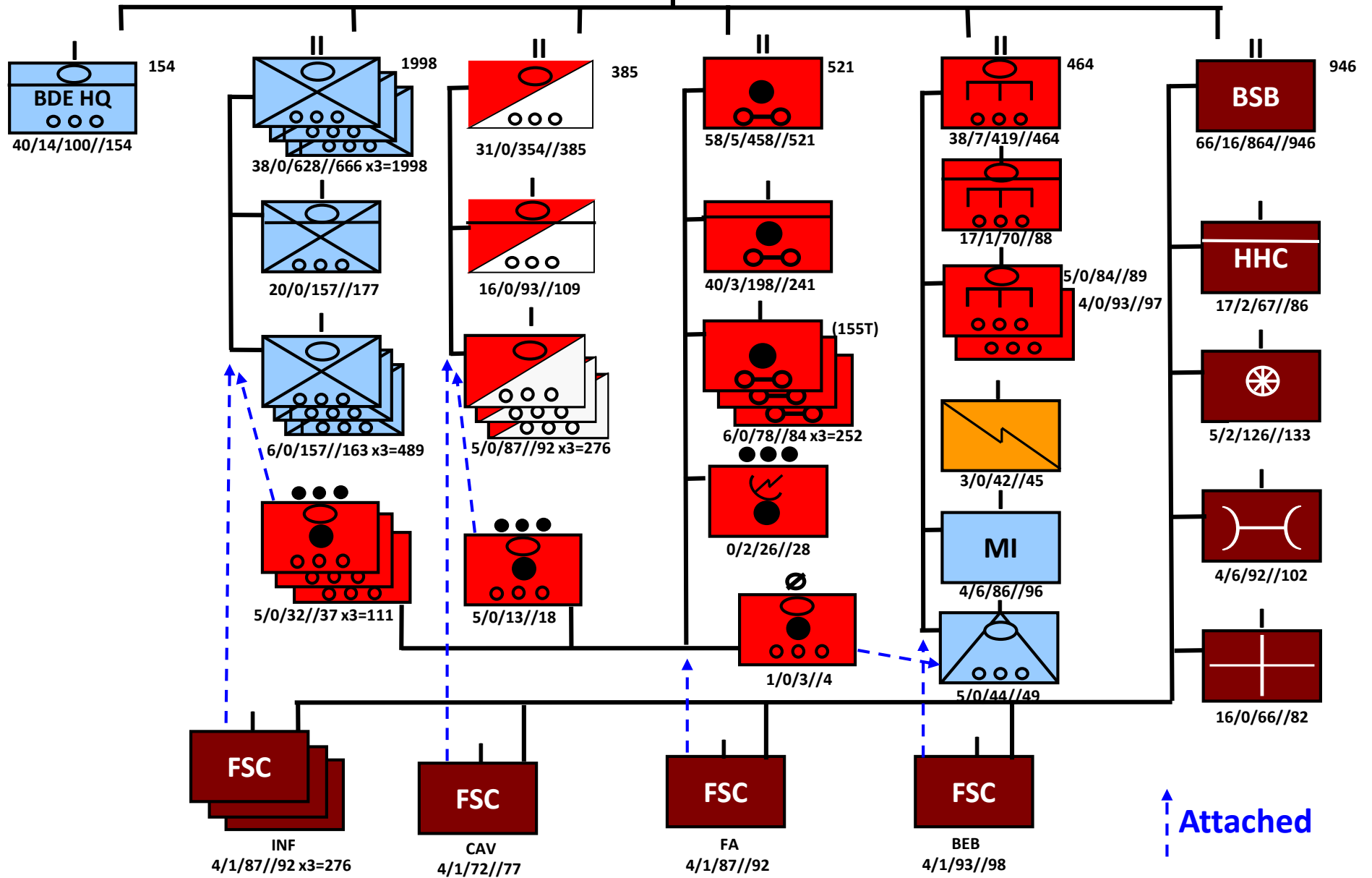
# SBC'T ORGANIZATION



348/42/4075//4468

SRC 47110R100

Current A2020

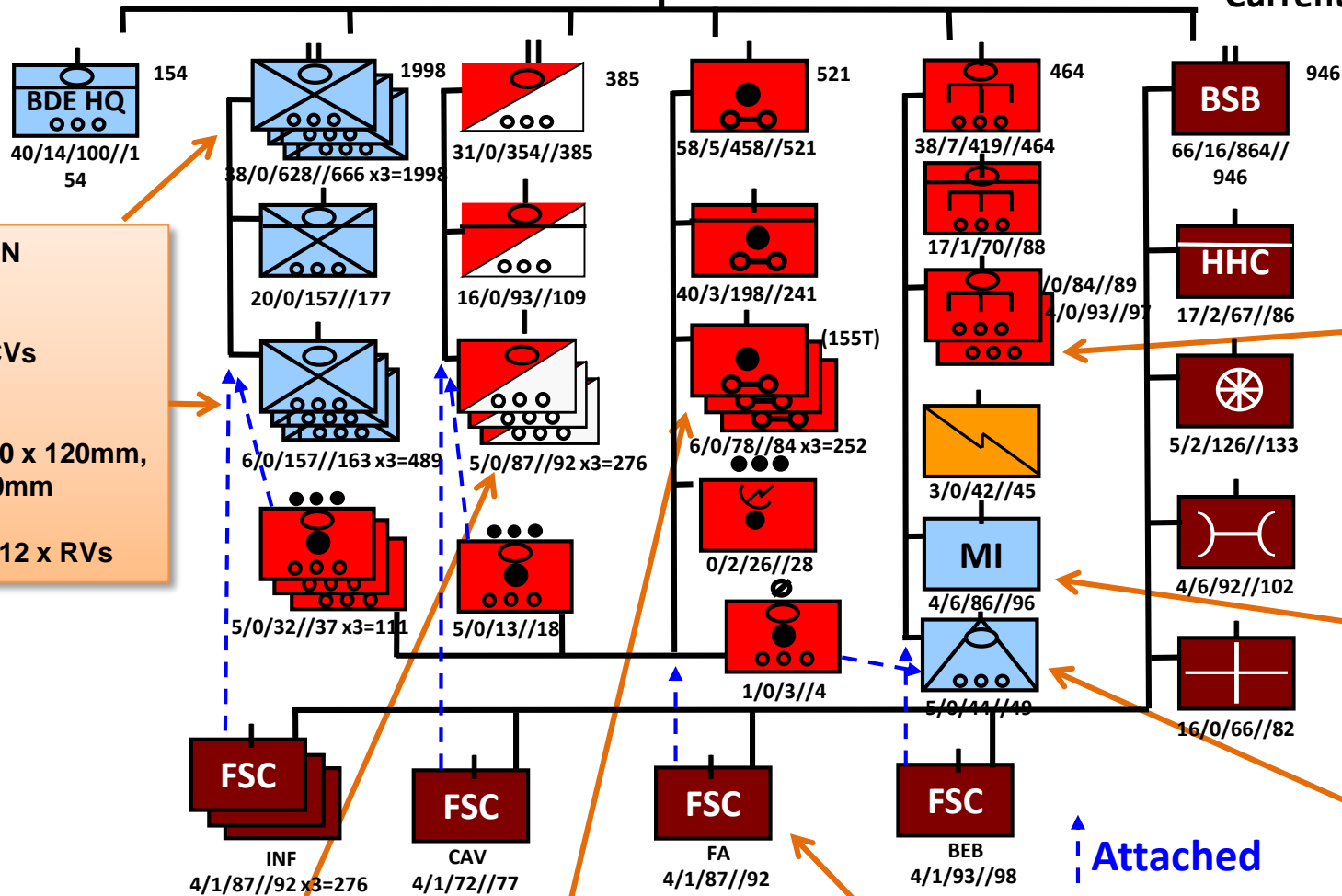


↑ Attached

# SBCT DETAILS



**SRC 47110R100**  
Current A2020



**3 x INF BN**  
9 X IN COs  
27 x IN PLTs  
108 SQDs w/108 ICVs  
9 x MGS  
81 x CLU (Javelin)  
30 MTR SQDs- w/30 x 120mm,  
12 x 81mm, 18 x 60mm  
3 x BN SCT PLTs  
12 X SCT SQDS w/12 x RVs

**2 Eng Co**  
3 x Sapper PLTs  
9 x Breach SQDs  
w/12 x ESV  
6 x MICLIC  
1 x RTE Clearance  
PLT  
2 x Horizon SQD  
6 DEUCE, 2 x ACES  
2 X MPCV, VMMD  
4 x REB

**4 x TUAS  
(Shadow)**

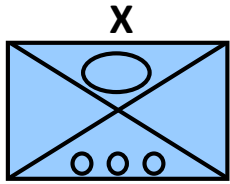
**AA Co**  
3 x AA PLT  
9 x AA SQDS  
9 x ATGM  
9 x MITAS

**3 x CAV TRPs**  
9 X CAV PLTs  
36 x CAV SQDs w/36 x RVs  
36 x LRAS3, 36 x CLU (Javelin)  
6 x MTR SQDs w/6 x 120mm

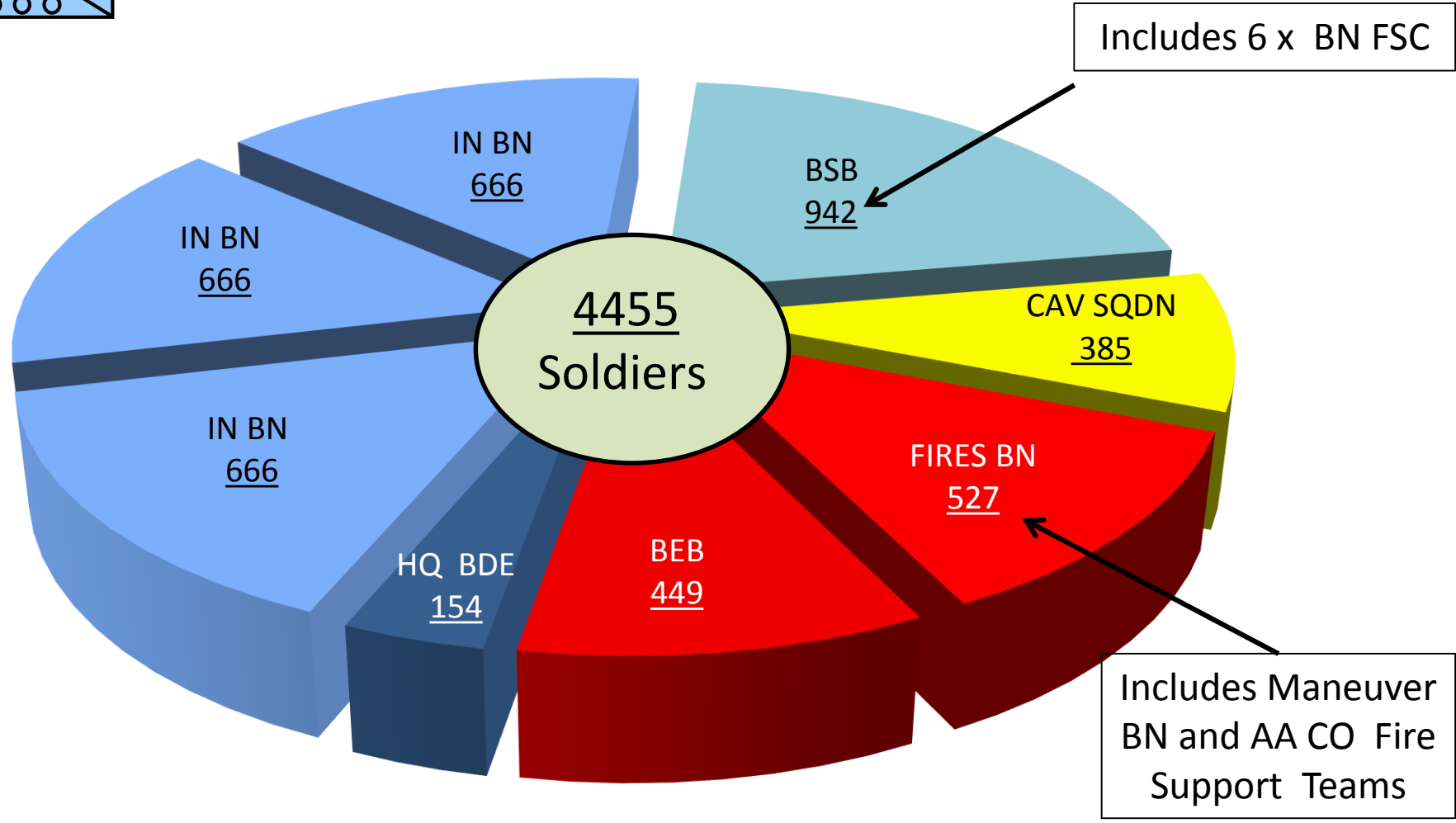
**3 x Firing BTY**  
18 x How SQD w/18 x M777A2  
13 x FIST w/13 x FSV  
27 x FO TMs, 1 per IN PLT  
TGT AQS PLT, 1 x TPQ-36,  
1 x TPQ-37, 5 X TPQ-48  
MET, Survey

**6 x FSC**  
99 x Stryker Maintainers  
22 x Tanker  
23 x Wrecker  
88 x LHS

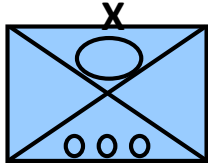
**Attached**



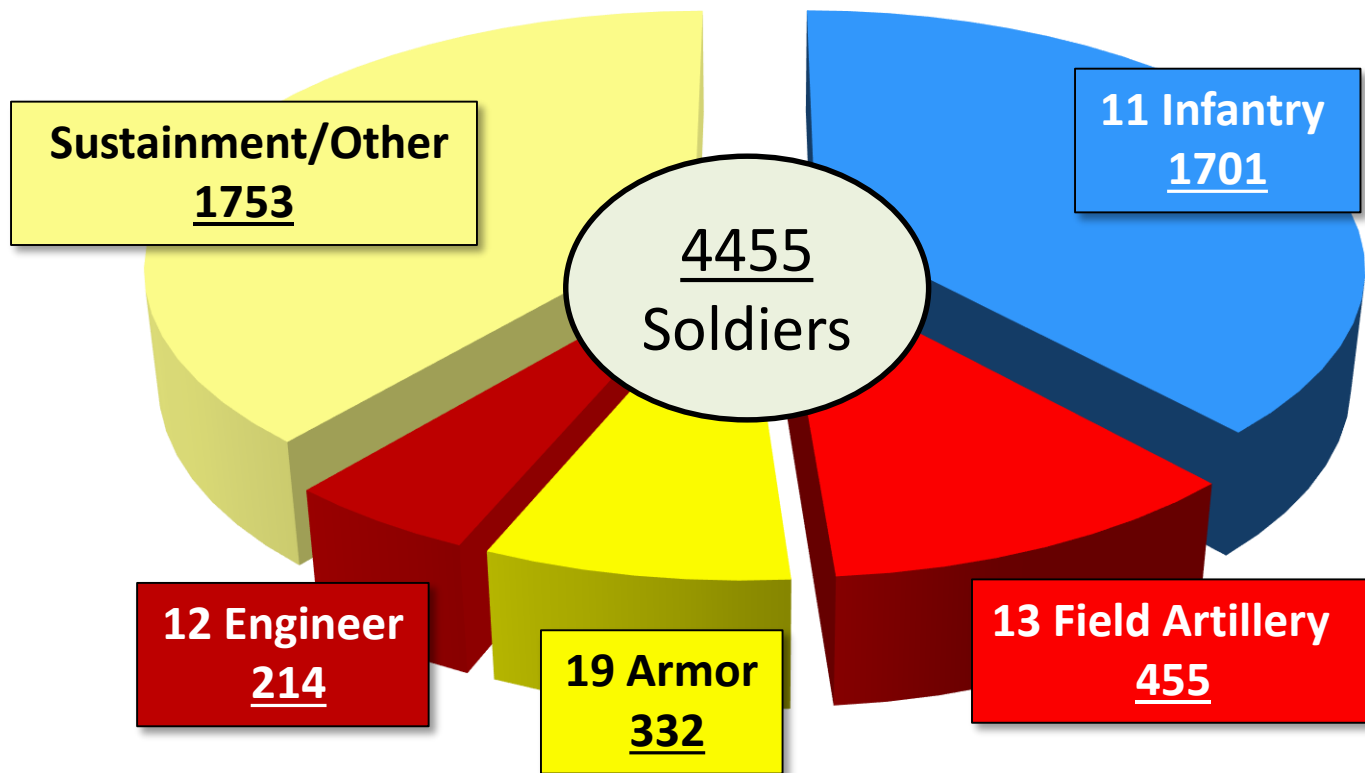
# SBCT PERSONNEL BY UNIT



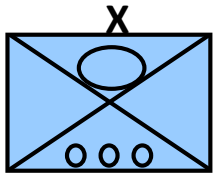
Strykers By Type	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Total
	136	51	36	32	12	27	13	12	9	3	331



# SBCT BY BRANCH

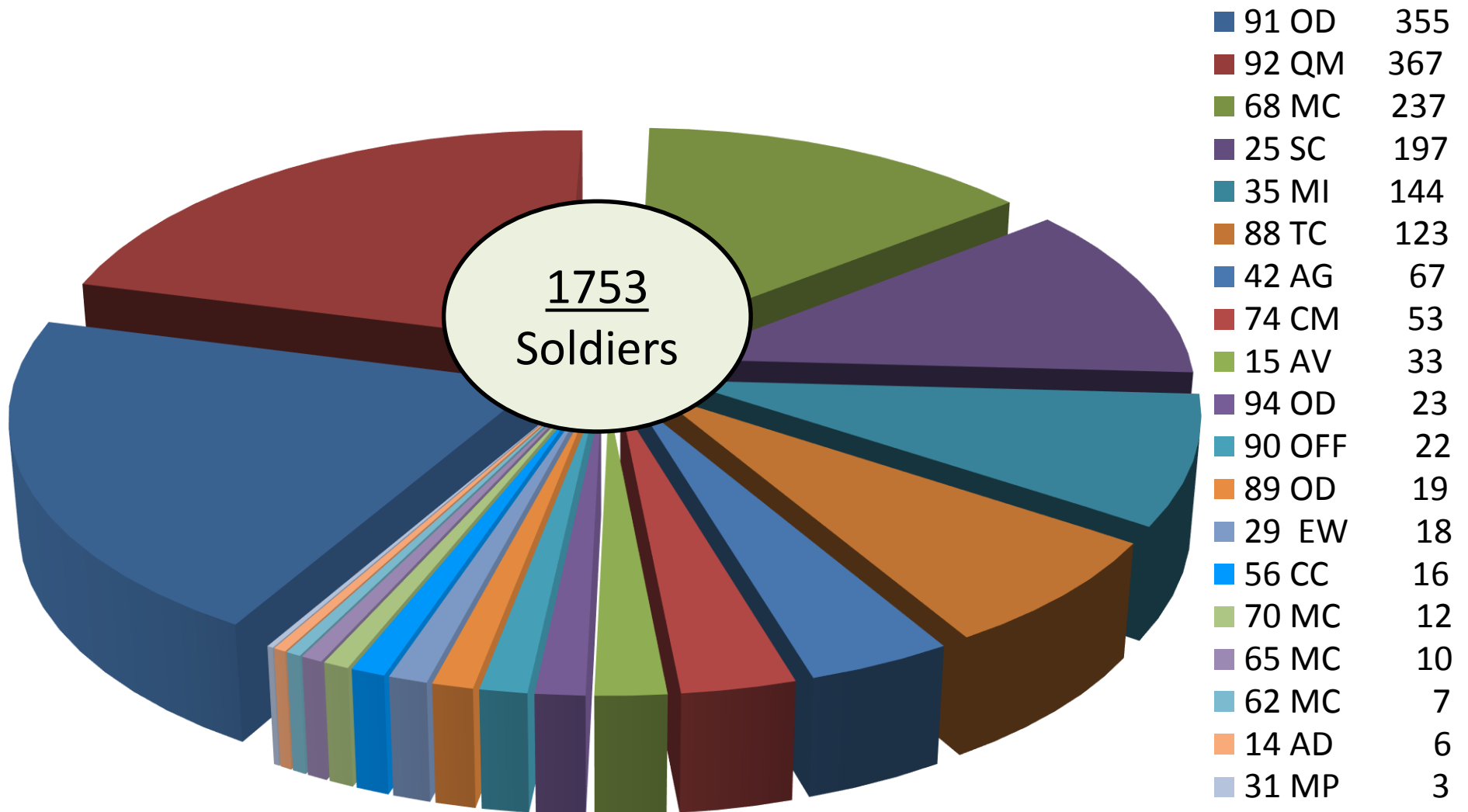




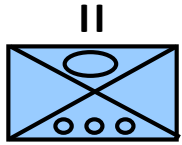


# SBCT SUSTAINMENT/OTHER

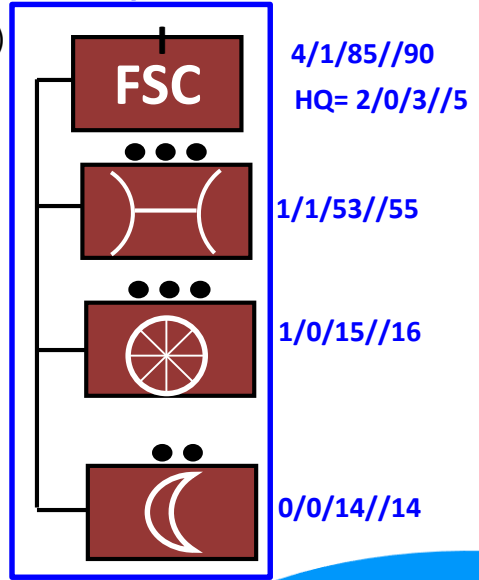
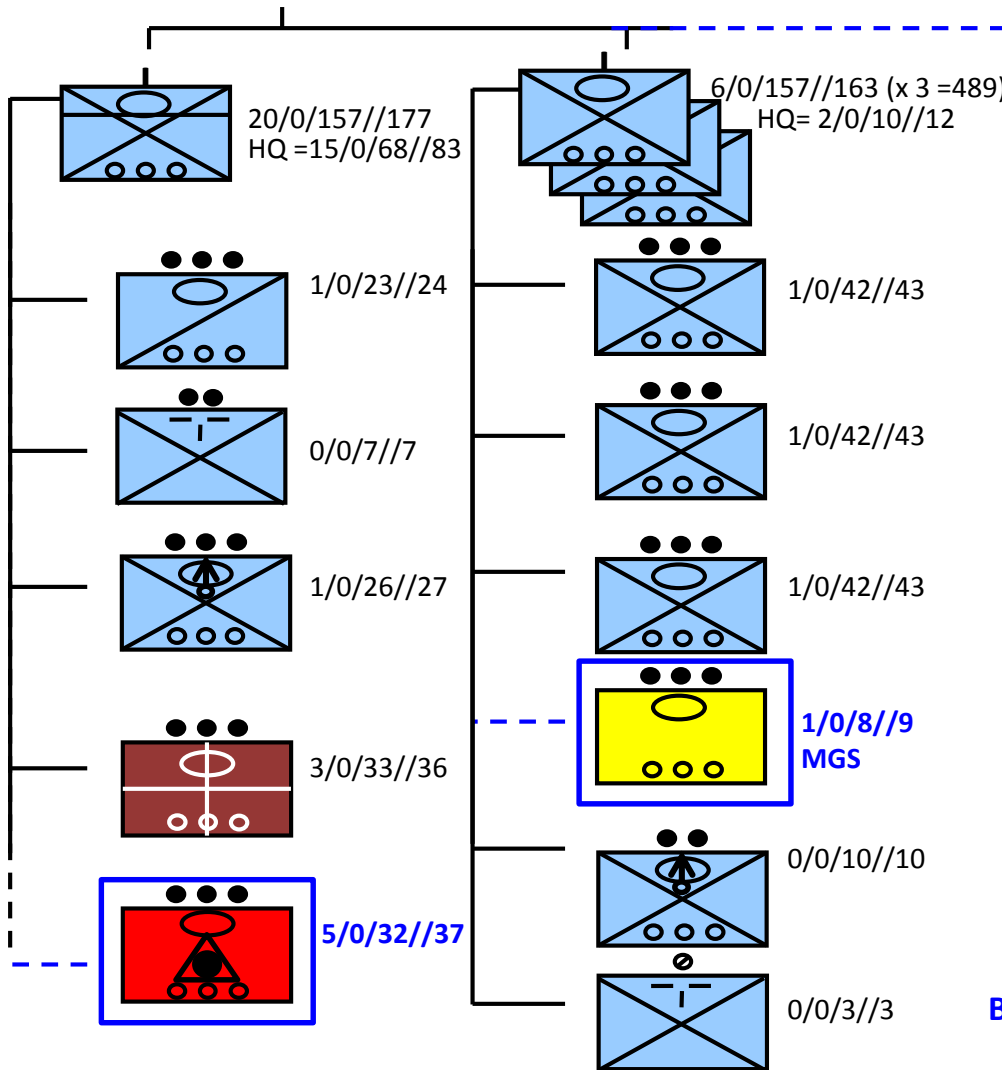
## BY BRANCH



# INFANTRY BN X 3



38/0/628//666

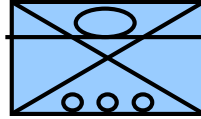


- 11 IN 539
- 68 MC 33
- 19 AR 27
- 25 SC 18
- 92 QM 13
- 35 MI 10
- 42 AG 8
- 74 CM 4
- 29 EW 1
- OTHER 13

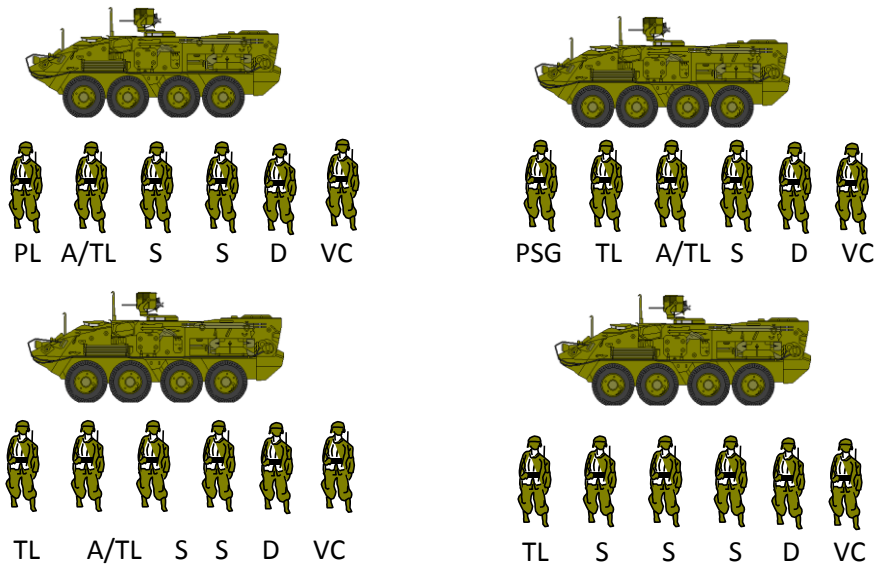
Blue=Attached

Strykers IN BN	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
	44	4	10	5	4	4	3	0	0	0	67

# HHC INFANTRY BN



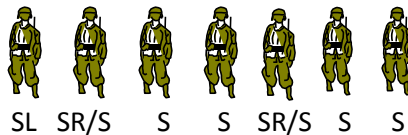
## Scout Platoon (11B)



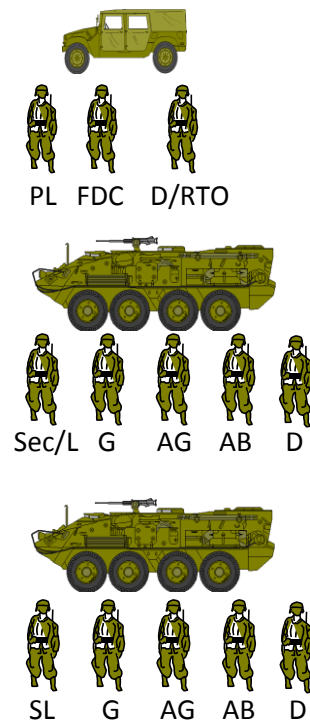
4 x AN/UYK-128 FBCB2  
 4 x RV  
 2 x M2 MG, 2000rds ea  
 2 x MK19 MG, 320rds ea  
 4 x M240B, 1600rds ea  
 4 x LRAS3

4 x AN/VRC-92F  
 5 x AN/PRC-119F  
 8 x AN/PRC-148

2 x M110 Rifle  
 2 x M107  
 1 x AN/UYK-128 FBCB2  
 1 x AN/VRC-88F  
 3 x AN/PRC-119F  
 2 x M9 pistol

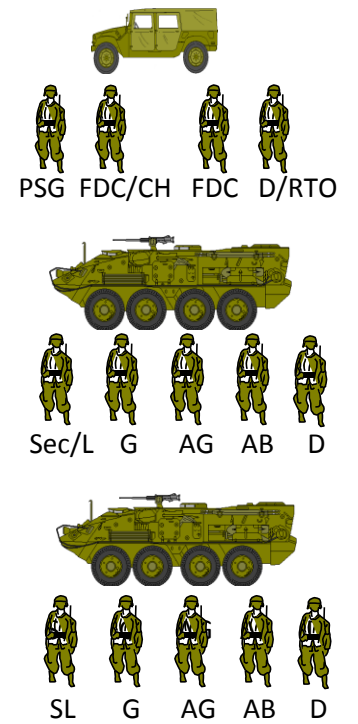


## Snipers (11B)

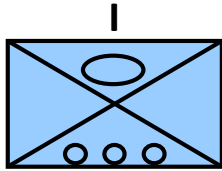


6 x AN/UYK-128 FBCB2  
 2 x HMMWV, M151 MFCS  
 4 x MCV  
 4 x 120mm, w/M95 MFCS  
 4 x 81 mm, w/M32 LHMBC  
 4 x M240B MG, 1000rds ea

## Mortar Platoon (11C)

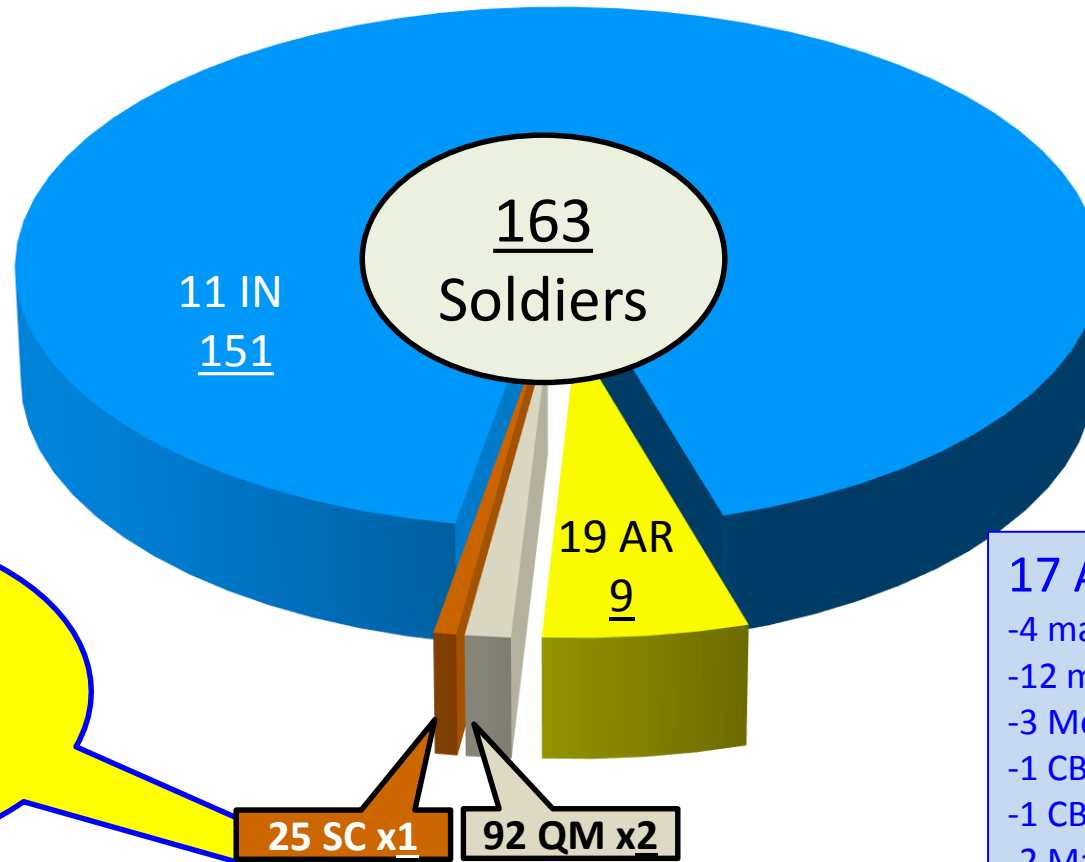


5 x AN/VRC-91F  
 1 x AN/VRC-92F  
 48 rds 120mm ea  
 35 rds 81mm ea



# RIFLE CO X 9

**Mission:** To close with the enemy by means of fire and maneuver to destroy or capture, or to repel his assault by fire, close combat, and counterattack.



3 x Rifle Platoons, w/3 x 9 Man Rifle Squads, and 1 x 5 Man Weapons Squad

SBCT Doctrine: MGS is an Infantry Support Platform, **Not a Tank**

**17 Attachments:**

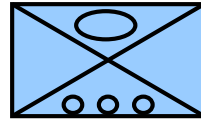
- 4 man FIST per CO
- 12 man MGS PLT
- 3 Medic Evac SEC per CO
- 1 CBT Medic NCOIC
- 1 CBT Medic per PLT
- 2 Man FO TM per PLT

Strykers IN CO	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
	14	0	2	0	4	1	1	0	0	0	16

**Attached**

# RIFLE COMPANY X 9

MGs not fully fielded, pending consolidation FY 17



(6/0/157//163/ 180 w/attachments)

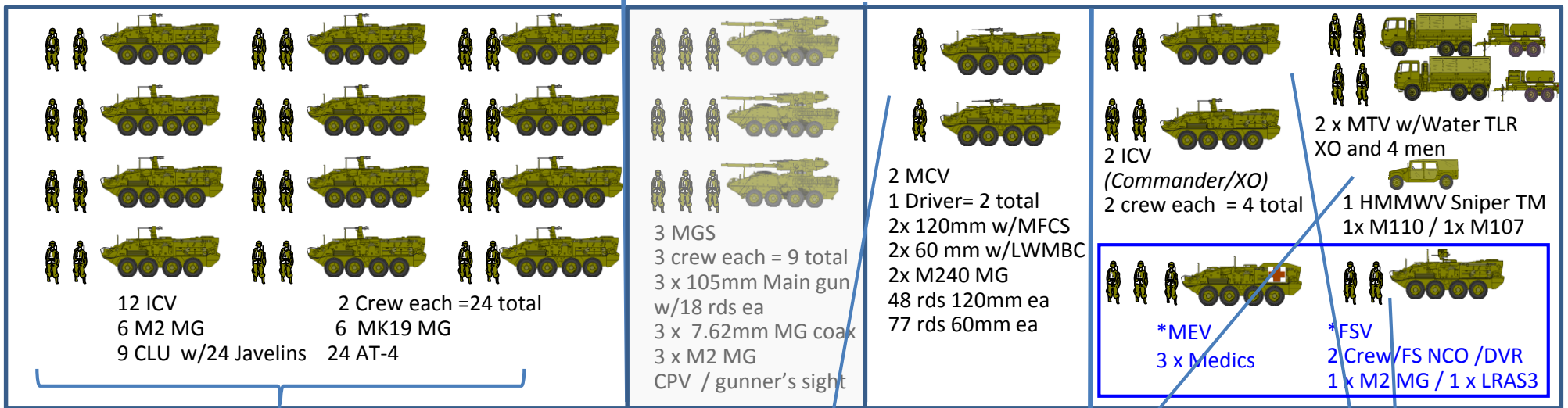
3 x Rifle Platoons

Mobile Gun System Platoon

Mortar Section

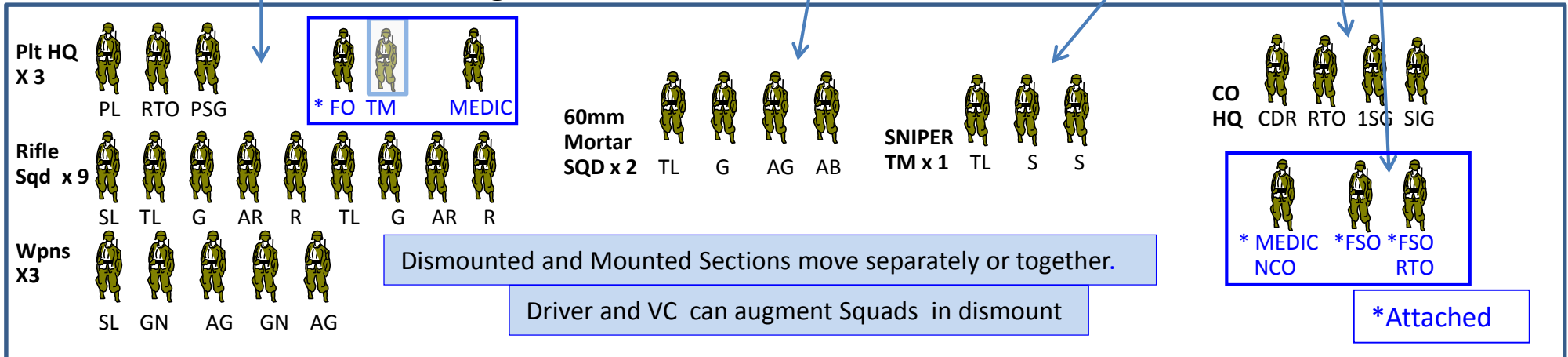
Headquarters Section

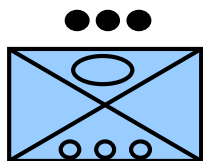
## MOUNTED



## DISMOUNTED

Same manning as IBCT "108 Sqds" PER BDE





# RIFLE PLATOON X 27

## RIFLE SQDs

FIGHTS AS LIGHT INFANTRY,  
COMMON DESIGN WITH IBCT

37 SOLDIERS  
27 M4 CARBINES  
6 M320 GRENADE LAUNCHERS  
6 M249 SAW 5.56 mm  
2 M240L MG 7.62 mm

**RANGER** Ranger Coding  
The 3<sup>rd</sup> Plt is not Ranger  
coded for PL, PSG, 3x SSG

LT 11A00 (PLT LDR) **RANGER**  
PFC 11B10 (RTO)  
SFC 11B4G (PSG) **RANGER**

SSG 11B30 (WPNS SL)  
SPC 11B10 (MG)  
SPC 11B10 (MG)  
PFC 11B10 (AG)  
PFC 11B10 (AG)  
SGT 13F20 (FO)  
SPC 68W (MEDIC)

SSG 11B3G (SL) **RANGER**  
SGT 11B20 (TEAM LDR) **RANGER**  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)  
SGT 11B20 (TEAM LDR)  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)

SSG 11B3G (SL) **RANGER**  
SGT 11B2G (TEAM LDR) **RANGER**  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)  
SGT 11B20 (TEAM LDR)  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)

SSG 11B3G (SL) **RANGER**  
SGT 11B2G (TEAM LDR) **RANGER**  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)  
SGT 11B20 (TEAM LDR)  
SPC 11B10 (AR)  
SPC 11B10 (G)  
PFC 11B10 I(R)

## MOUNTED ELEMENT

INFANTRY CARRIER provides TRANSPORT,  
NAVIGATION, COMMO, SUSTAINMENT, NBC  
PROTECT, SA, POWER, and SUPPORT BY FIRE  
(Not a fighting vehicle)

44 seats 45 men  
If the PLT is 100%  
one man rides with Co HQ

AN/UYK-128 FBCB2  
AN/PSQ-23 STORM  
AN/PSN-13 DAGR  
AN/VRC-91F SINGARS  
AN/PAS-13 HWTS  
AN/VAS-5 DVE

4 ICV  
2 Crewmen each =8 total  
2 M2 MG  
2 MK19 MG  
3 CLU w/6 Javelins  
8 AT-4

SGT 11B20 (VC)  
SPC 11B10 (DRIVER)



SGT 11B20 (VC)  
SPC 11B10 (DRIVER)



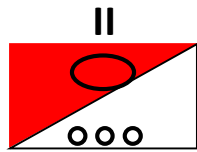
SGT 11B20 (VC)  
SPC 11B10 (DRIVER)



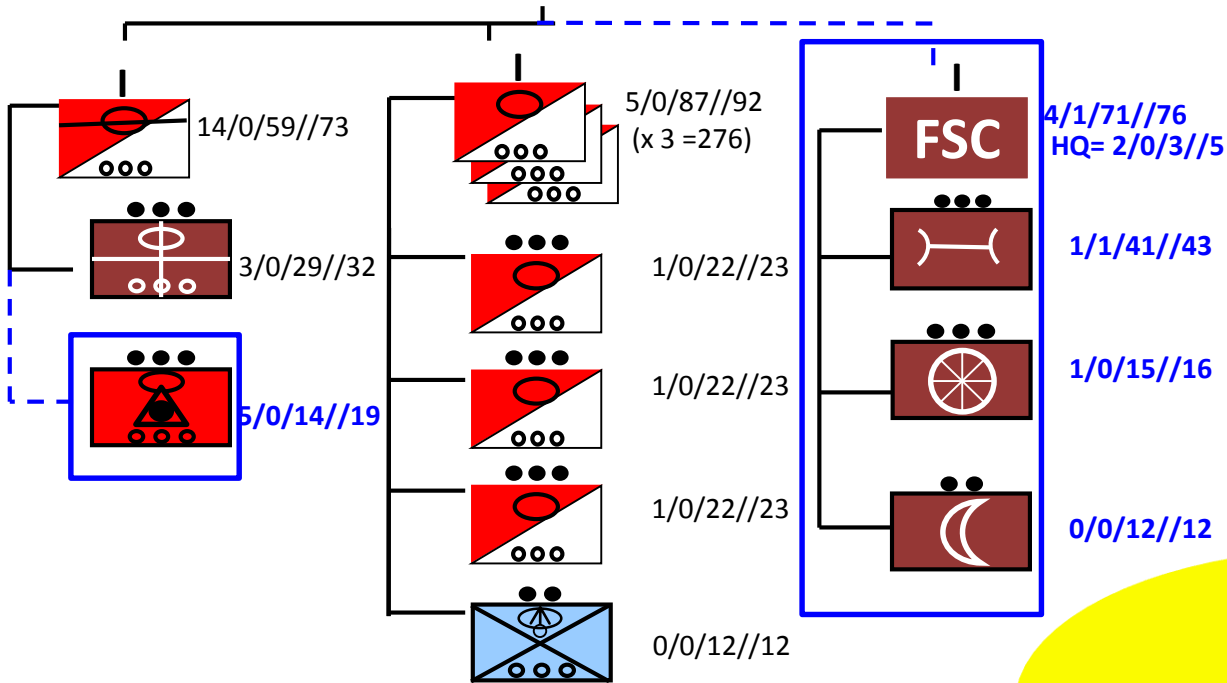
SGT 11B20 (VC)  
SPC 11B10 (DRIVER)



# CAV SQDN

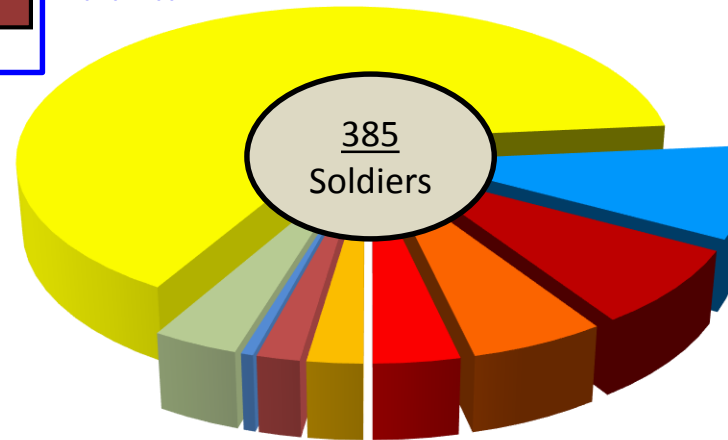


31/0/354//385



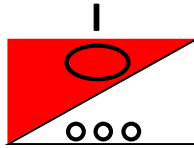
Blue=Attached

Other = CDRs, CSM/SGM, Chaplain, Branch Immaterial, USAF



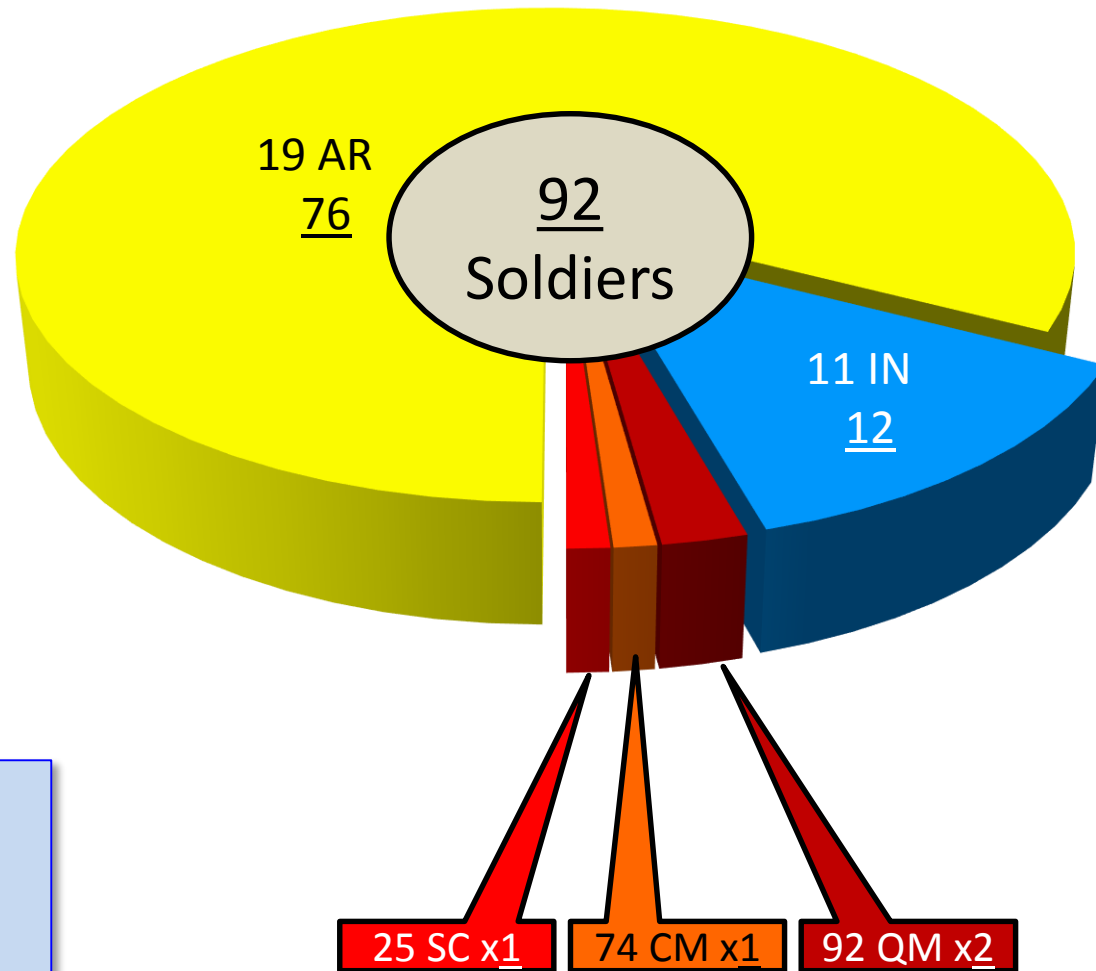
Strykers	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
CAV SQDN	0	39	6	9	0	4	3	0	0	0	58

Attached



# CAV TROOP X 3

**MISSION.** To develop and provide situational awareness and knowledge in the area of operations, empowering the brigade to anticipate, forestall and dominate threats, ensuring mission accomplishment through decisive action and freedom of maneuver.



## Attachments:

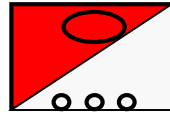
- 4 man FIST per TRP
- 3 Medic Evac Sec per TRP
- 1 Medic per Plt

Strykers	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
CAV TRP	0	13	2	1	0	1	3	0	0	0	16

Attached



# CAV TROOP X 3



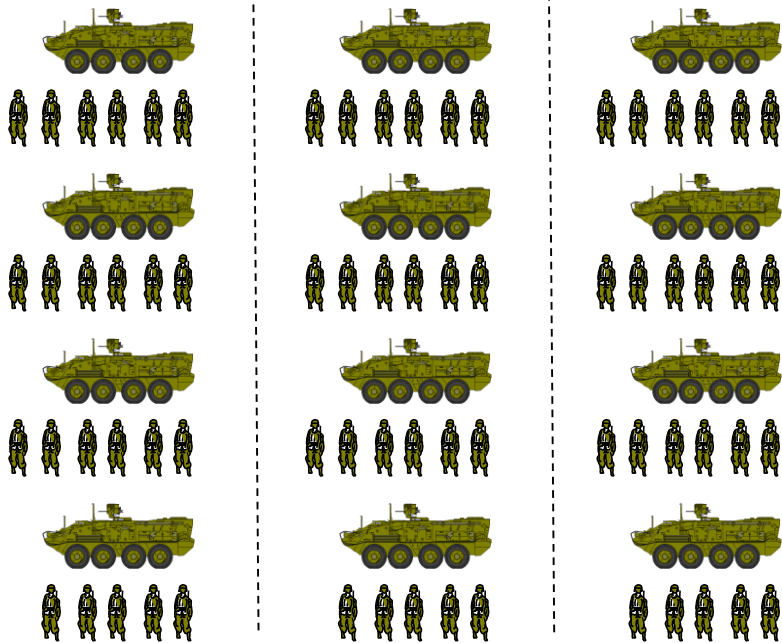
(5/0/87/92) 102 w/attachments

Current A2020

## 3 x RECCE Platoons

## 120mm Mortar Section

## Headquarters Section



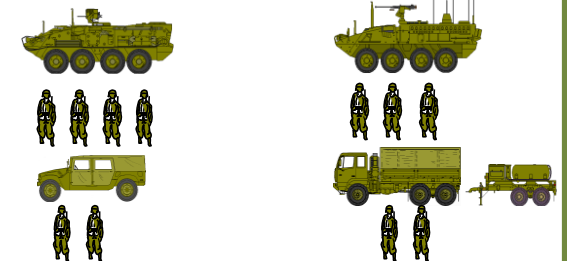
12 RV  
6 x MK19 MG  
24 x AT-4

6 x M2 MG  
12 x CLU w/24 Javelins

\* Medic



2 MCV  
1xMTV  
2x 120mm w/MFCSS  
2x M240 MG  
1x M2 MG  
60 rds per 120mm



1x RV (CDR)  
1x HMMWV

1x CV (XO)  
1x MTV

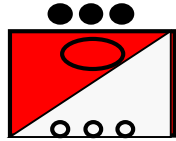
\*Attached:  
-4 man FIST  
-3 Medic Evac SEC  
-One Medic per Plt



\*MEDEVAC




\*FIST






## CAV SQDs


# CAV PLATOON X9

23 SOLDIERS  
 23 M4 CARBINES  
 2 M320 GRENADE LAUNCHERS  
 4 M240L MG 7.62 mm

 Ranger Coding  
 All Plt Ranger coded the same

LT 19C00 (PLT LDR)   
 SPC 19D10 (SCOUT)  
 SPC 19D10 (SCOUT)  
 PFC 19D10 (SCOUT)

SSG 19D3G (SEC LDRL)   
 SGT 19D2G (TEAM LDR)   
 SPC 19D10 (SCOUT)  
 PFC 19D10 (SCOUT)

SFC 19D40 (PSG)  
 SGT 19D2G (TEAM LDR)   
 PFC 19D10 (SCOUT)  
 SPC 68W (MEDIC)

SSG 19D3G (SEC LDR)   
 SPC 19D10 (SCOUT)  
 SPC 19D10 (SCOUT)  
 PFC 19D10 (SCOUT)

## MOUNTED ELEMENT

RV provides TRANSPORT, NAVIGATION,  
 COMMO, SUSTAINMENT, NBC PROTECT, SA,  
 POWER, and SUPPORT BY FIRE  
 (Not a fighting vehicle)

28 seats 23 men

AN/UJK-128 FBCB2  
 AN/TAS-8 LRAS3  
 AN/PSN-13 DAGR  
 AN/VRC-92F SINGARS  
 AN/PRC-119F  
 AN/VRC-104  
 AN/PAS-13 HWTS  
 AN/VAS-5 DVE

4 RV  
 2 Crewmen each =8 total  
 2 M2 MG  
 2 MK19 MG  
 4 CLU w/8 Javelins  
 8 AT-4

SGT 19D20 (GUNNER)  
 SPC 19D10 (DRIVER)



SGT 19D20 (GUNNER)  
 SPC 19D10 (DRIVER)

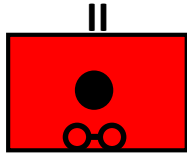


SGT 19D20 (GUNNER)  
 SPC 19D10 (DRIVER)



SGT 19D20 (GUNNER)  
 SPC 19D10 (DRIVER)





# FIRES BN

## M777A2

**Mission:** To destroy, neutralize or suppress the enemy by cannon fires

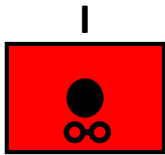


13 FA	453
25 SC	18
68 MC	19
92 QM	11
42 AG	7
74 CM	4
35 MI	3
29 EW	2
OTHER	5

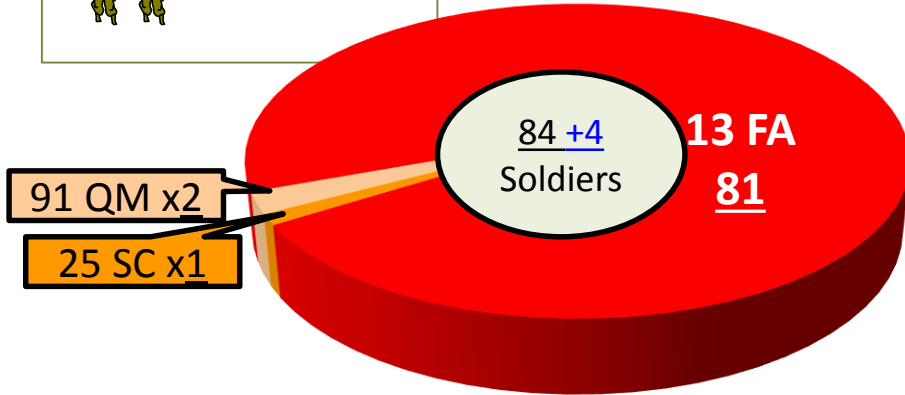
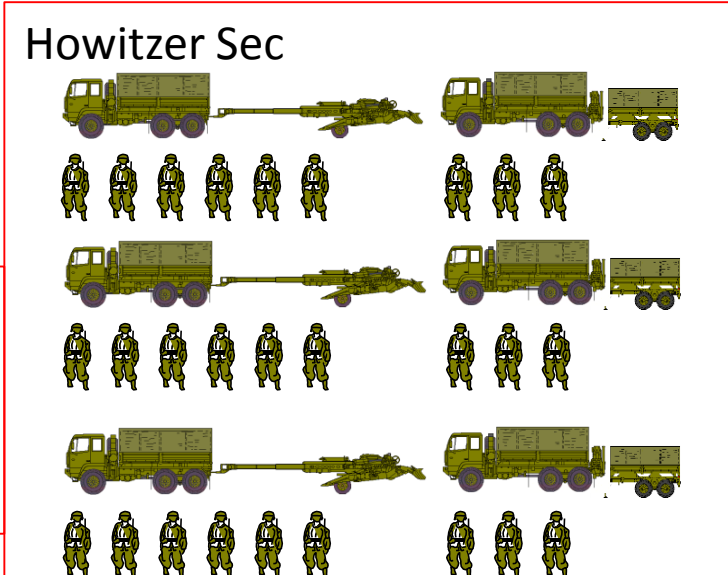
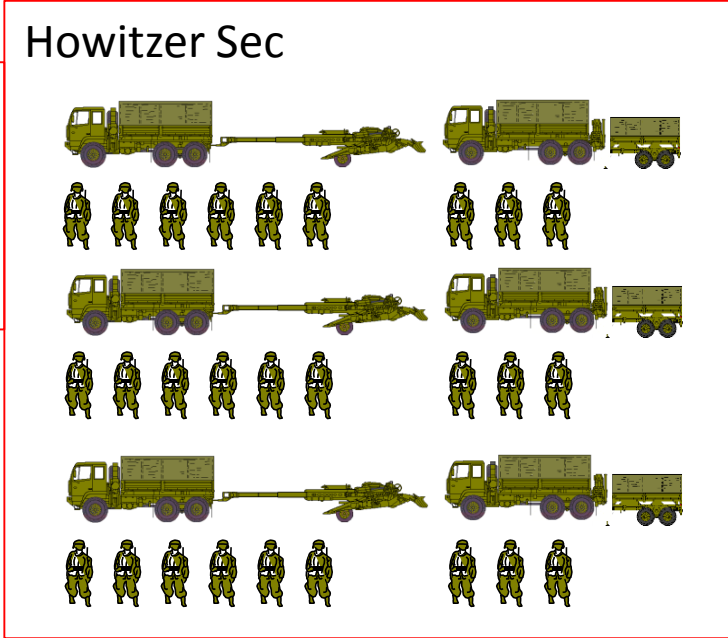
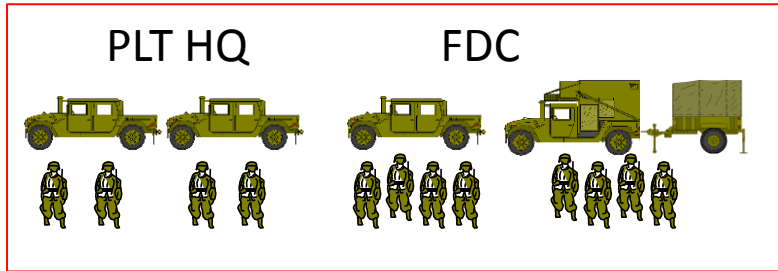
Maneuver Fire Support	
Consolidated in FA BN attached for combat	
IN BN FIRES CELL	21
IN BN FIRE SPT PLT (FIST)	90
ANTIARMOR CO FIST	4
RECON SQDN FIRES CELL	7
RECON SQDN FIRE SPT PLT (FIST)	12
	<u>134</u>

Other = CDRs, CSM/SGM, Chaplain, Branch Immaterial

Strykers	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
FA BN	0	0	0	1	0	3	13	0	0	0	17

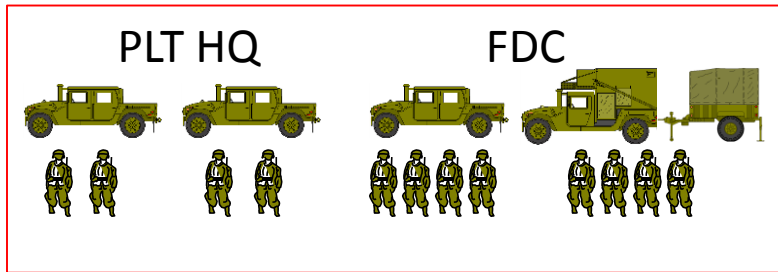
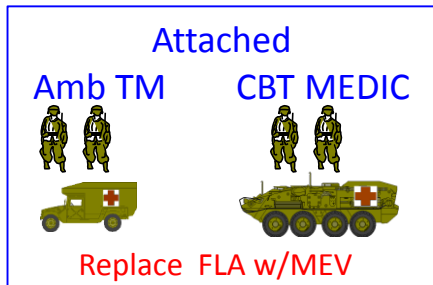


# FA BATTERY X 3



- 6x M777
- 13x MTV
- 9x HMMWV
- 7x M2 MG
- 15x MK19 MG
- 10x M240 MG

91 QM x2  
25 SC x1



Strykers	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
FA BAT	0	0	0	0	0	1	0	0	0	0	1

# M777A2 HOWITZER SECTION

## Key Characteristics

Length: 274 in  
 Height: 112 in, Air Trans: 106 in  
 Width: 96 in  
 Curb weight: 19,797 lbs  
 Payload: 10,000 lb  
 Towed load: 21,000 lb  
 Gun Crew: 9

Fuel: JP8 fuel

Transmission: Allison 7 speed Automatic  
 Power: Caterpillar C7, 6 cylinder engine 330 hp  
 Drive: 6x6 Locking Differential  
 FBCB II, VRC-90F(C), VRC -91F(C)  
 Central Tire Inflation System  
 LHS Capacity: 1500 lbs

## Mobility

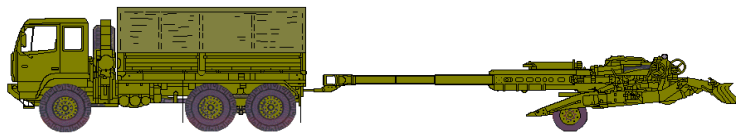
Gross weight -24.8k lbs  
 Fording-53 in  
 Top Speed – 55 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Range – 300 mil (483 km)  
 56 gal Tank  
 Winch single line- 21,000 lbs  
 Approach Angle 40 deg  
 Departure Angle 60 deg  
 Electronic (cab-mounted) controls:  
 Highway  
 Cross-country  
 Sand/Mud/Snow  
 Emergency

## Deployability

C-130 – 1 ea @ 40.5k lbs  
 C-17 – 3 ea @ 45k lbs ea  
 C-5 – 6 ea @ 49.4 lbs ea  
 M777A2 CH-47 external load

## Armament

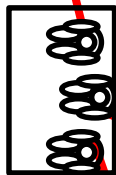
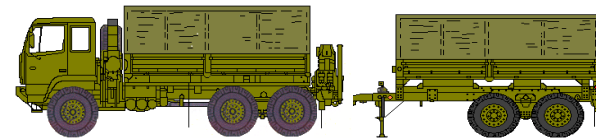
M2, Ring Mount w/800 rds  
 MK19, Ring Mount w/360 rds  
 M777A2:  
 83 x 155mm Rds  
 97 x 155mm Fuses  
 135 x 155mm Primers  
 556 x 155mm Charges



Section Chief  
 M4 (210 rds)  
 M67 frags 2 ea

Gunner  
 M4 (210 rds)  
 M67 frags 2 ea

Asst Gunner  
 M4 (210 rds)  
 M67 frags 2 ea



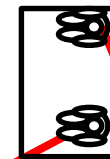
20 x 155mm Rds  
 20 x 155mm Fuses  
 25 x 155mm Primers  
 120 x 155mm Charges

SEATING

Prime Mover Driver  
 M4 (210 rds)  
 M203 (32 rds)  
 M67 frags 2 ea

Cannoneer  
 M4 (210 rds)  
 M67 frags 2 ea

Cannoneer  
 M4 (210 rds)  
 M240B (400 rds)  
 M67 frags 2 ea

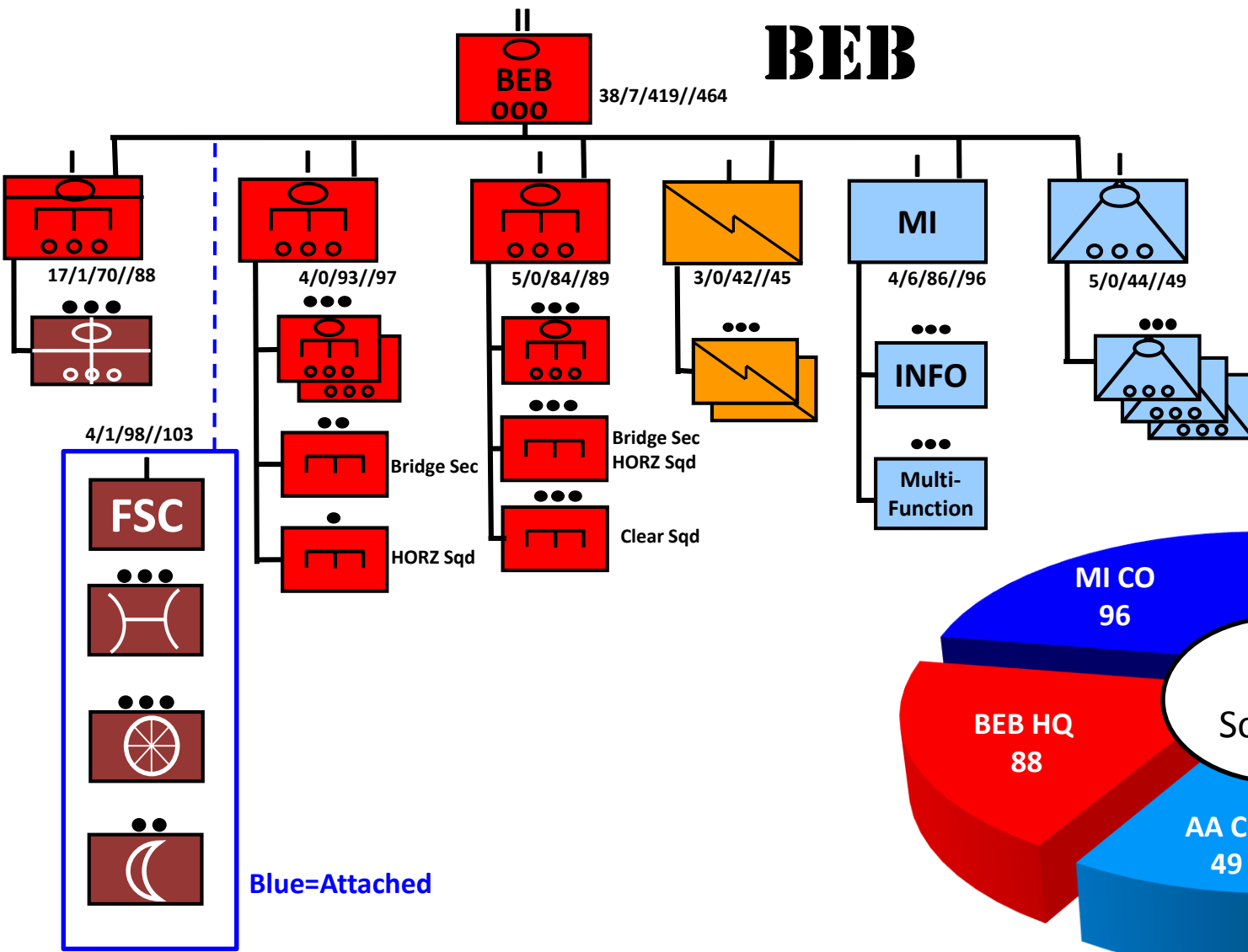


SEATING

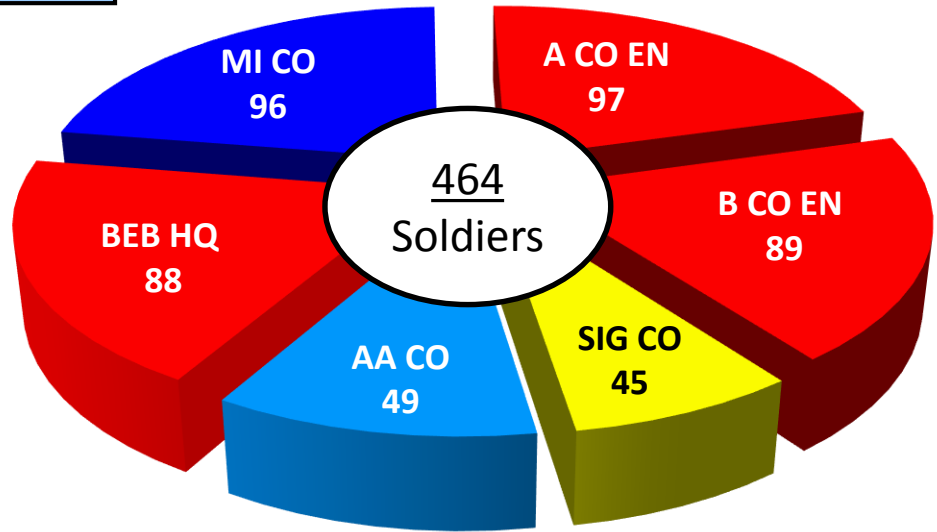
63 x 155mm Rds  
 77 x 155mm Fuses  
 110 x 155mm Primers  
 436 x 155mm Charges

Cannoneer  
 M4 (210 rds)  
 M67 frags 2 ea

Ammo Tm Chief  
 M4 (210 rds)  
 M67 frags 2 ea

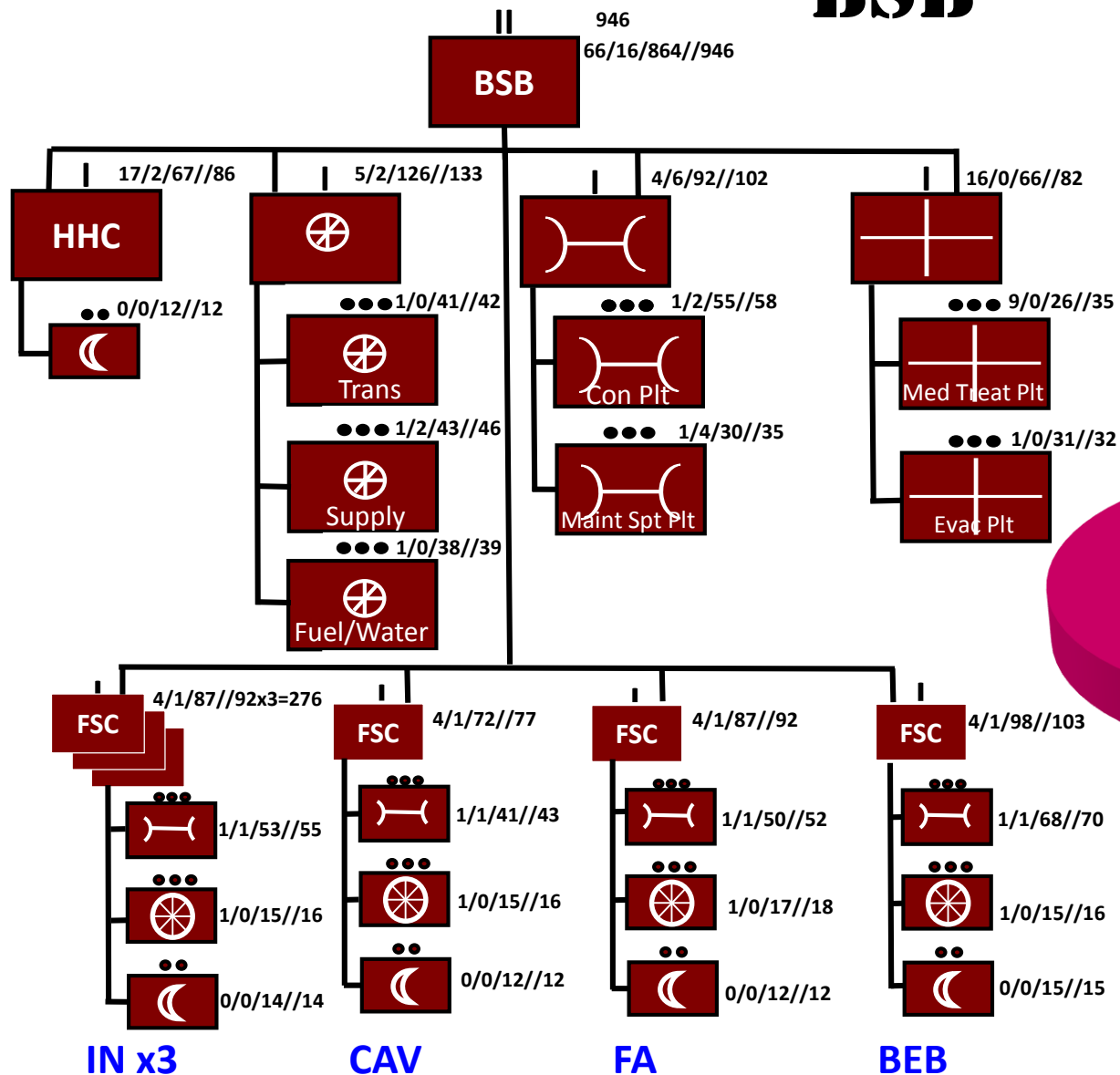


**Mission:** Provide Mission Command (MC) and supervision of the tactical operations of the BEB, SBCT and all assigned/attached Operational Control (OPCON) units.

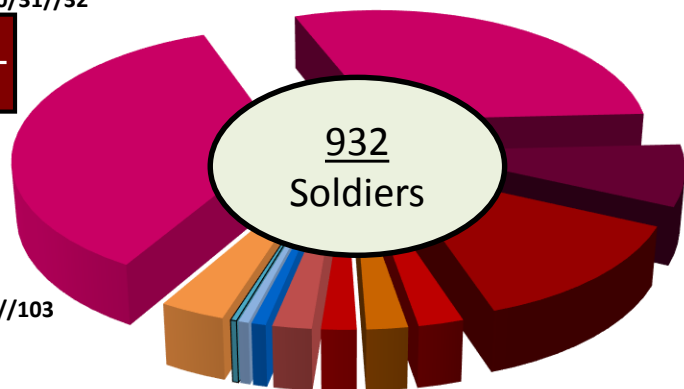


STRYKERS	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
<b>BEB</b>	4	0	0	3	0	2	<b>1</b>	12	9	3	45

# BSB



**Mission:** To provide logistics and Army health system to a Stryker Brigade Combat Team (SBCT).



- 91 OD 335
- 92 QM 279
- 68 MC 71
- 88 TC 122
- 94 OD 22
- 90A OD 20
- 25 SC 17
- 89 OD 19
- 42 AG 7
- 74 CM 5
- 35 MI 3
- OTHER 32

Other = CDRs, CSM/SGM, Chaplain, Branch Immaterial

STRYKERS	ICV	RV	MCV	CV	MGS	MEV	FSV	ESV	ATGM	NBCRV	Totals
<b>BSB</b>	0	0	0	0	0	6	0	0	0	0	6

# MCOE STRYKER COURSES

Course	Eligible	Length	Course Load	Prerequisites	Description	ASI	Contact
<b>Stryker Master Trainer Course</b>	SGT-MSG LT-CPT CMF 11, 19D	6 wk	12	None	The Stryker Master Trainer Course trains selected NCOs to assist unit leaders in the planning and implementation of vehicle crew training and gunnery/live fire training programs from individual weapons qualifications to platoon live fires	NO	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>
<b>Stryker Leader Course</b>	SGT-MSG 2LT-MAJ CMF 11, 12, 13, 19	3 wk	40	None	Stryker Leaders Course is a career progression and a leader development course designed to provide Stryker Brigade Combat Teams designated Soldiers the ability to perform the technical and tactical capabilities of a future Stryker Leader.	NO	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>
<b>MGS Commander</b>	PVT-SFC LT CMF 19	4 wk	8	None	This is a systems-intensive course that trains the student to function as a Mobile Gun System Commander. Instruction will consist of training crew stations and duties, boresighting and synchronization, ammunition, crew maintenance, turret / hull troubleshooting and safety. Students will be trained using conventional training methods, stand-alone training devices, simulators, and simulations culminating with a live fire exercise.	R4	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>
<b>MGS Master Gunner</b>	Enlisted CMF 19	5 wk	8	M1 Master Gunner, MGS NETT or CDR Course	Mobile Gun System Master Gunner Transition Course curriculum focuses on the following training areas. MAINTENANCE TRAINING GUNNERY TRAINING: GUNNERY TRAINING MANAGEMENT	R8	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>
<b>MGS Crewman</b>	Enlisted CMF 19	2 wk	8	19K10-OSUT	Stryker Vehicle specific training on loader's and driver's station operation; driving; main gun loading; maintenance, and troubleshooting	R4	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>
<b>RV Crewmen</b>	PVT-SFC LT	2 wk	24	None	Stryker vehicle specific training on driver's station operations, driving, and maintenance and troubleshooting.	R4	(706) 626-7916 <a href="https://www.benning.army.mil/infantry/">https://www.benning.army.mil/infantry/</a>

Note: Armor component or HQDA HRC do not track R4 ASI (Stryker) qualification



# **-T WEEK PLANNING PROCESS**

## **PAGE 1 OF 2**

### **-T-21 to T-13: ID Major TNG Facilities**

- Lay on Resourcing in RFMSS, TAMIS, TADDS
- Certify RSOs/OICs/IOs
- Analyze prior TNG results
- Issue Training Guidance
- Review Drivers Training Program and License Operators
- Review and update Manning Rosters

### **-T-12: Conduct Mission Analysis**

- Determine IND TNG Focus
- Plan VCE, GST, Develop LF TNG Scenario
- Initiate OPORD writing

### **-T-11: Refine Event Requirements**

- Complete WARNO
- Review TNG Scenarios
- Develop Timeline
- Complete TNG Packets

### **-T-10: Publish WARNO and Begin Pre-Execution Checks**

- Issue WARNO
- TADDS TNG and Cert
- Verify Resources
- Confirm Timeline

### **-T-9: Conduct Resource Planning and Submit Requests**

- Conduct IPR
- Publish Commanders Intent
- Confirm TADDS
- Request Medical support
- Confirm Supply Requests

### **-T-8: Execute Reconnaissance and Lock-In Resources**

- Conduct Range Walk
- Develop CRM
- Review SOPs
- Evaluation Support Confirmation
- Conduct of the Range

### **-T-7: Publish OPORD**

- Issue OPORD/CRM
- Range support packages
- Briefing Packets

### **-T-6: Lock-In TNG and Publish TNG Schedules**

- Conduct IPR
- Review/Publish TNG Schedule
- Verify Class V Documents
- Conduct VCE Course
- Conduct GST
- Begin Table II

# -T WEEK PLANNING PROCESS

## PAGE 2 OF 2

### -T-5: Complete Tactical Plan and Supporting Products

- Coordinate OC/T Reqt
- Conduct IPR
- Verify Range Supplies

### -T-4: Conduct Certifications and Complete Prerequisite TNG

- Conduct IPR
- Conduct Table III
- Proof Scenarios
- Draw Class IV and V for Table III

### -T-3: Conduct Rehearsals

- Key Leader Walk Through
- Medic Support Back Brief
- Range Detail Confirmation
- Rehearse Barrier/Road Closure Plan

### -T-2: Finalize Administrative Support Requirements

- Update CRM
- Conduct IPR
- Draw and Issue TADDS
- Brief Evaluators

### -T-1: Draw Equipment and Supplies

- PCC/PCI
- Verify GST/GT I Completion
- Verify Simulations GTLF

### -T: Execute TNG

**Platoon leaders** and **platoon sergeants** should use the appropriate individual tasks that support the training objectives using the following references:

- Combined Arms Training Strategy (CATS).
- Digital Training Management System (DTMS).
- Soldier's manuals.
- Soldier training publications.
- DA Pamphlet 350-38, Standards in Weapons Training.
- Deployment or mobilization plans.
- Army Universal Task List (AUTL).
- Universal Joint Task List (UJTL).
- Army, area command, and local regulations.
- Local standard operating procedures (SOPs).

**Commanders** assess and evaluate all aspects of training, including the planning, preparation, and execution. **Leaders** continuously monitor the unit's METL proficiency to determine a quantifiable snap shot of the unit's current direct-fire training proficiency. From this snap shot, the unit can develop a training plan to correct deficiencies, improve mastery, and sustain fundamentals.

Link to ATN:

<https://atn.army.mil/>

# STRYKER TADSS

- Miles XXI/Delta Kits
  - MK19 Simulation Player Unit
  - CDT/SV
  - CDT/SV
  - ATGM STRYKER TOW SIMULATOR
  - MGS-TESS
  - Main Gun Signature Simulator
  - MGS Thru-Sight Video
  - MGS In-bore Device
  - MGS AGTS
  - Table top-AGTS
  - MGS Inert 105mm Training Round
  - NBCRV-VCT
  - Vehicle Instrument Interface Package
  - Tactical Vehicle System
  - Embedded Trainer (VDT/ETM and VDET)
- 
- Maintenance Training System (HOT/DTT/PTT) (Ft Lee Only)

# TADSS

- **MK19** = Grenade Machine-gun Tactical Engagement Simulation
- **CDT/SV**= Common Driver's Trainer Simulator-STRYKER Version, 1ea in PA is a mobile system
- **BST** = Basic Skills Trainer for ATGM, BOI 4 per SBCT
- **STS** = Stryker TOW Simulator (Use to be FTT) The original requirement was 100.
- **TESS** = Tactical Engagement Simulation System(includes: TES, MGSS, TSV, In Bore).
- **MGSS** = Main Gun Signature Simulator (HUFMAN)
- **In Bore** = Additional capability to allow crew to fire sub-caliber gunnery tables
- **AGTS** = Advanced Gunnery Training System (COFT-like crew / Plt virtual trainer)
- **Inert** = 105mm practice rounds for crew load/transfer training (PM MAS funded)
- **VCT** = NBCRV Virtual Crew Trainer CBRNE replicator; qty does NOT include 2ea for Redstone for further development/testing) \* JPM plans to provide 1 per SBCT (Use to be MIW) The original requirement was 143.
- **MTS** = Maintenance Training Systems
- **DTT** = Diagnostic Task Trainer (Desk-top), qty is number of student stations for 91S MOS (40 ea) & 6 for MGS Master Gunner Training
- **PTT** = Part task trainers (5 Power pack, 1 brake, 1 suspension, 5 ATGM, 5 MC, 4 RWS and 1 driveline)
- **HOT** = Hands on trainers (5 Hull, 1 RWS, 5 MGS Turret/AHS)
- **VIIP** = Vehicle instrumentation interface package, for CTC data collection
- **TVS** = Tactical Vehicle System : Wireless MILES systems that can interface with CTC's and Home station Instrumentation Training Systems (HITS)
- **VDT/ETM** = Video Display Terminal/Electronic Training Module
- **VDET** = Video Display Electronic Terminal

# SBCT DOCTRINE 2015 OVERVIEW

## ADP Fundamental principles focused on 10-12 pages with broad guidance in each ADP

PubNum	IssDate	PubTitle
ADP 1	9/17/2012	THE ARMY (INCL C1 AND C2)
ADP 1-02	8/31/2012	OPERATIONAL TERMS AND MILITARY SYMBOLS (INCL C1)
ADP 2-0	8/31/2012	INTELLIGENCE
ADP 3-0	10/10/2011	UNIFIED LAND OPERATIONS
ADP 3-05	8/31/2012	SPECIAL OPERATIONS
ADP 3-07	8/31/2012	STABILITY (INCL C1)
ADP 3-09	8/31/2012	FIRES
ADP 3-28	7/26/2012	DEFENSE SUPPORT OF CIVIL AUTHORITIES
ADP 3-37	8/31/2012	PROTECTION
ADP 3-90	8/31/2012	OFFENSE AND DEFENSE
ADP 4-0	7/31/2012	SUSTAINMENT
ADP 5-0	5/17/2012	THE OPERATIONS PROCESS
ADP 6-0	5/17/2012	MISSION COMMAND (INCL C1 AND C2)
ADP 6-22	8/1/2012	ARMY LEADERSHIP (INCL C1)
ADP 7-0	8/23/2012	TRAINING UNITS AND DEVELOPING LEADERS

## FM Captures tactics, principles of tactics, and appendices containing Procedures, approximately 200 pages

PubNum	IssDate	PubTitle
FM 3-20.96	3/12/2010	RECONNAISSANCE AND CAVALRY SQUADRON
FM 3-20.971	8/4/2009	RECONNAISSANCE AND CAVALRY TROOP
FM 3-21.11	1/23/2003	THE SBCT INFANTRY RIFLE COMPANY
FM 3-21.21	4/8/2003	THE STRYKER BRIGADE COMBAT TEAM INFANTRY BATTALION (INCL C1)
FM 3-21.91	11/26/2002	TACTICAL EMPLOYMENT OF ANTIARMOR PLATOONS AND COMPANIES
FM 3-22.3	3/9/2006	STRYKER GUNNERY
FM 3-22.90	12/7/2007	MORTARS
FM 3-34	4/2/2014	ENGINEER OPERATIONS
FM 3-96	10/8/2015	BRIGADE COMBAT TEAM
FM 4-30	4/1/2014	ORDNANCE OPERATIONS
FM 4-95	4/1/2014	LOGISTICS OPERATIONS
FM 6-02	1/22/2014	SIGNAL SUPPORT TO OPERATIONS
FMI 6-02.60	9/5/2006	TACTICS, TECHNIQUES, AND PROCEDURES (TTPs) FOR THE JOINT NETWORK NODE-NETWORK (JNN-N)

## ADRP Detailed information to expand on fundamental principles

PubNum	IssDate	PubTitle
ADRP 1	6/14/2015	THE ARMY PROFESSION
ADRP 1-02	2/2/2015	TERMS AND MILITARY SYMBOLS
ADRP 2-0	8/31/2012	INTELLIGENCE
ADRP 3-0	5/16/2012	UNIFIED LAND OPERATIONS
ADRP 3-09	8/31/2012	FIRES (INCL C1)
ADRP 3-90	8/31/2012	OFFENSE AND DEFENSE
ADRP 4-0	7/31/2012	SUSTAINMENT
ADRP 5-0	5/17/2012	THE OPERATIONS PROCESS
ADRP 6-0	5/17/2012	MISSION COMMAND (INCL C1 AND C2)
ADRP 6-22	8/1/2012	ARMY LEADERSHIP (INCL C1)
ADRP 7-0	8/23/2012	TRAINING UNITS AND DEVELOPING LEADERS

## ATP Authenticated :Available through APD Unauthenticated : Maintained, Accessed,

PubNum	IssDate	PubTitle
ATP 3-20.16	2/15/2013	MOBILE GUN SYSTEM PLATOON
ATP 3-20.98	4/5/2013	RECONNAISSANCE PLATOON
ATP 3-34.22	12/5/2014	ENGINEER OPERATIONS-BRIGADE COMBAT TEAM AND BELOW
ATP 3-90.90	11/1/2011	ARMY TACTICAL STANDARD OPERATING PROCEDURES
ATP 4-90	4/2/2014	BRIGADE SUPPORT BATTALION
ATP 6-01.1	3/6/2015	TECHNIQUES FOR EFFECTIVE KNOWLEDGE MANAGEMENT

## TC

PubNum	IssDate	PubTitle
TC 3-20.0	6/01/2015	<b>THE INTEGRATED WEAPONS TRAINING STRATEGY</b>
TC 3-20.21-1	7/21/2010	INDIVIDUAL AND CREW LIVE-FIRE PREREQUISITE TESTING
TC 3-20.31	3/01/2015	<b>TRAINING AND QUALIFICATION, CREW</b>
TC 3-21.10	6/28/2012	INFANTRY RIFLE COMPANY COLLECTIVE TASK PUBLICATION
TC 3-21.12	7/20/2012	WEAPONS AND ANTIARMOR COMPANY COLLECTIVE TASK PUBLICATION
TC 3-21.20	2/17/2012	INFANTRY BATTALION COLLECTIVE TASK PUBLICATION
TC 3-21.90	8/2/2013	MORTAR PLATOON COLLECTIVE TASK PUBLICATION
TC 3-90.6	6/10/2011	BRIGADE COMBAT TEAM COLLECTIVE TASK PUBLICATION
TC 7-21	12/1/2006	STRYKER DRIVER TRAINING
TC 7-22.7	4/7/2015	NONCOMMISSIONED OFFICER GUIDE
TC 43-4	5/8/1996	MAINTENANCE MANAGEMENT
TC 90-5	2/11/2010	TRAINING FOR RECONNAISSANCE TROOP AND BELOW IN URBAN OPERATIONS

# SBCT DOCTRINAL MANUALS

Today

(MCoE Proponent)

Future



FM 3-21.21, SBCT Infantry Battalion (2003)  
FM 3-21.11, SBCT Rifle Company (2003)  
FM 3-21.91, Anti Armor Platoon and Company (2002)  
FM 3-21.9, SBCT Rifle Platoon and Squad (2007)  
ATP 3-20.16, MGS Platoon (2013)  
ATP 4-90 Brigade Support Battalion

ATP 3-97, Stryker Brigade Combat Team (1<sup>st</sup> QTR FY 16)  
ATP 3-21.21, SBCT Infantry Battalion (3<sup>rd</sup> QTR FY 15)  
ATP 3-21.11, SBCT Rifle Company (1<sup>st</sup> QTR FY 16)  
ATP 3-21.91, Anti Armor Platoon and Company ( QTR FY 16)  
ATP 3-21.9, SBCT Rifle Platoon and Squad (1<sup>st</sup> QTR FY 16)

## Summary of Significant Changes for FM 3-96

FM 3-96 is written based on the current structure of the brigade combat team (BCT) and its subordinate units. Near term changes to the structure of the BCT however, are indicated in the organizational charts in Chapter 1. Change documents to this manual will be published to support any future changes to the organizational structures of the BCT.

- Chapter 1 - Organization
- Chapter 2 - Threat
- Chapter 3 - Mission Command
- Chapter 4 - Reconnaissance and Security
- Chapter 5 – Understand, Shape, Influence, and Consolidate Gains
- Chapter 6 - Offense
- Chapter 7 - Defense
- Chapter 8 – Stability
- Chapter 9 - Sustainment

# COMMON INDIVIDUAL EQUIPMENT



<u>ITEMS WORN</u>	
SIDE PLATES W/ CARRIERS (1)	7 LBS
DELTOID AUXILIARY PROTECTOR (1)	5 LBS
ESAPI BALLISTIC PLATES (2) LARGE	12.5 LBS
IOTV (1) LARGE	10.4 LBS
ACH (1) MEDIUM	3.5 LBS
SPECS (1)	0.15 LBS
ACU L/R (1)	3.69 LBS
UNDERWEAR L/R (1)	0.2 LBS
SOCKS, LARGE (1)	0.2 LBS
BOOTS, CBT TAN 10 ½ R (1)	5 LBS
WORK GLOVES (1)	0.3 LBS
WATCH WRIST (1)	<u>0.3 LBS</u>
	<b>48.35 LBS</b>

<u>ITEMS CARRIED</u>	
M4 CARBINE W/30 RD MAG, (1)	7.5 LBS
MAG., 30 RD., 5.5 6 MM, (6)	6.36 LBS
BAYONET, M9 W/ SCABBARD (1)	1.90 LBS
PROTECTIVE MASK W/CARRIER MED (1)	3.1 LBS
ANTIDOTE MARK I (1)	0.1 LBS
INDIVIDUAL FIRST AID KIT (IFAK) (1)	0.94 LBS
HYDRATION SYSTEM W/100 OZ WATER	7.1 LBS
KNIFE, PERSONAL (1)	0.4 LBS
COMPASS LENSATIC (1)	0.27 LBS
MAG POUCHES DOUBLE (30 RD) (3)	<u>0.9 LBS</u>
	<b>28.57 LBS</b>

<u>ITEMS STOWED IN RUCK SACK (72 HRS)</u>	
ASSAULT PACK/RUCK SACK (1)	10 LBS
SPECS (1)	0.15 LBS
ACU L/R (1 SET)	3.69 LBS
T-SHIRT (3)	1 LBS
UNDERWEAR L/R (3)	0.60 LBS
SOCKS, LARGE (3)	0.75 LBS
MEAL READY TO EAT (6)	10 LBS
WEAPONS CLEANING KIT (1)	0.5 LBS
WATER 6 LITERS	16 LBS
PONCHO (1)	1.5 LBS
WET WEATHER TOP/BOTTOM (1)	3 LBS
WET WEATHER BAG (1)	1 LBS
HYGIENE KIT (1)	2.5 LBS
WPN'S CLEANING KIT	<u>0.31 LBS</u>
	<b>51 LBS</b>
<u>ADDITIONAL LOAD</u>	
1 x SL	<b>29.94</b>
2 x TL	<b>29.94</b>
2 x GRENADIER	<b>58.26</b>
2 x AUTOMATIC RIFLEMAN	<b>56.81</b>
2 x RIFLEMAN	<b>74.35</b>



# SQUAD DISTRIBUTED EQUIPMENT

In addition to the following  
equipment all soldiers wear/carry  
~77 lbs of individual equipment

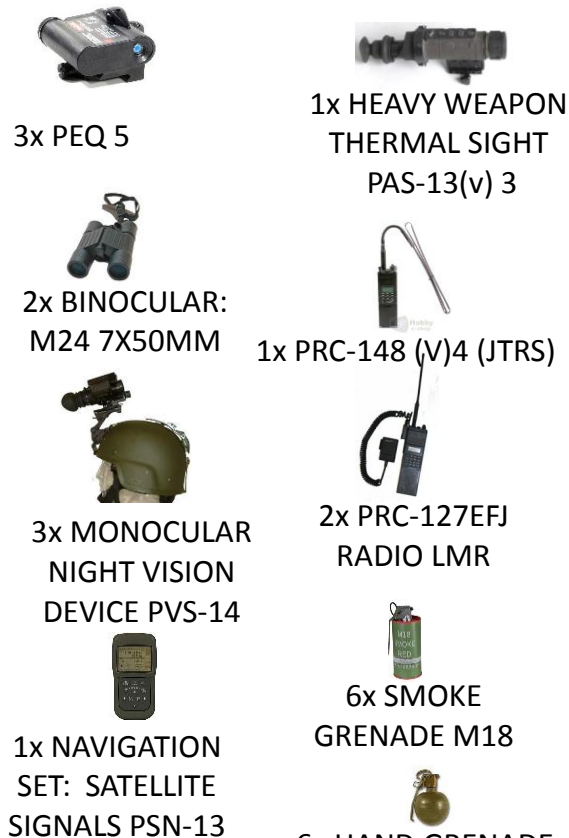
## Automatic Rifleman



## Grenadier



## SL /TL



## Rifleman



## RTO





# MTR/SNIPER/WPNS SQUAD EQUIPMENT

## 3 Man Dismount Mortar Crew



RADIO SET: PRC-119F(C)



10x HAND GRENADE M69 FRAG



2x BINOCULAR: M24 7X50MM



1 x NAVIGATION SET: SATELLITE SIGNALS PSN-13



1x MONOCULAR NIGHT VISION DEVICE PVS-14



12x SPARE BATTERIES



1 x M32 LIGHTWEIGHT HAND-HELD: MORTAR BALLISTIC COMPUTER (LHMBC)



2x NIGHT VISION: GOGGLE PVS-7D



18x 60 MM MORTAR ROUNDS



1x M224 60mm MORTAR HAND HELD



COMBAT LIFESAVER BAG

## 3 Man Sniper Team



RADIO SET: AN/PRC-119F(C)



BINOCULAR: M24 7X50MM



1 x NAVIGATION SET: SATELLITE SIGNALS PSN-13



PISTOL M9



2x MONOCULAR NIGHT VISION DEVICE PVS-14



LAUNCHER GRENADE: M203A2



CoSNS AN/PVS-30



RIFLE SNIPER M110



RIFLE SNIPER M107

## 5 Man Weapons Squad



2 x MACHINE GUN: 7.62MM M240L



2 x MOUNT TRIPOD 7.62MM



2 x PISTOL 9MM M9



900 rds x 7.62MM LINKED



1x PRC-148 (V)4 JRTS



10x HAND GRENADE M69 FRAG



3x MONOCULAR NIGHT VISION DEVICE PVS-14



2x BINOCULAR: M24 7X50MM



1 x NAVIGATION SET: SATELLITE SIGNALS PSN-13



2x NIGHT VISION: GOGGLE PVS-7D



2x M240B SPARE BARREL W/BAG



11x SPARE BATTERIES

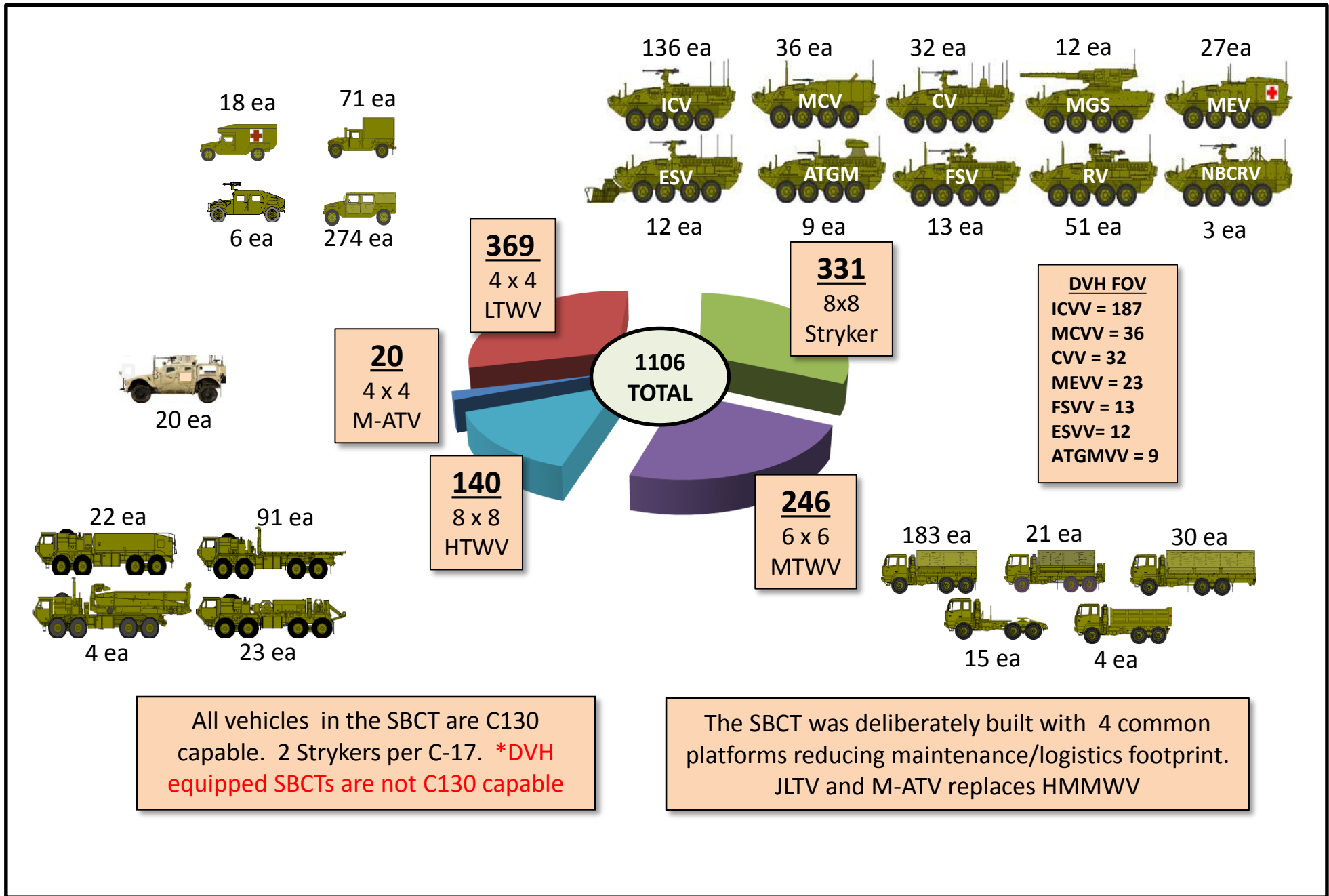


2x MEDIUM WEAPON THERMAL SIGHT PAS-13(v)



1x HEAVY WEAPON THERMAL SIGHT PAS-13(v)

# SBCT TRUCKS



All vehicles in the SBCT are C130 capable. 2 Strykers per C-17. **\*DVH equipped SBCTs are not C130 capable**

The SBCT was deliberately built with 4 common platforms reducing maintenance/logistics footprint. JLTV and M-ATV replaces HMMWV

# STRYKERS BY SUB UNIT

UNIT	ICV/ ICVV	RV	MCV/ MCSV	CV/ CVV	MEV/ MEVV	FSV/ FSVV	MGS	ESV/ ESVV	ATGM/ ATVV	NBCRV	Totals
BDE HQ				4							4
BEB	1			1	*2					3	7
#1 ENG CO	1							8			9
#2 ENG CO	1							4			5
AT CO	1					1	*12		9		22
SIG CO				2							2
MI CO											0
IN BN	44	4	10	5	4	3	*4				67
IN BN	44	4	10	5	4	3	*4				67
IN BN	44	4	10	5	4	3	*4				67
CAV SQDN		39	6	9	4	3					58
FA BN				1	*3	13					17
BDE SPT BN					*6						6
<b>Totals</b>	136	51	36	32	27	13	12	12	9	3	331

**DVH** | **187** | **0**

\*MGS and MEV fielded as they become available

Attached to  
maneuver  
units for  
combat

# COMMON PLATFORM

STRYKER IS A CAPABILITES PLATFROM AND **NOT A FIGHTING VEHICLE**  
 STRYKERS ARE DESIGNED TO SUPPORT THE "DISMOUNTED" INFANTRY

## ENGINE/TRANS:

- C-7, JP-8, 350 HP
- SIX SPEED ALLISON TRANSMISSION
- 570 AMP ALTERNATOR

## ARMAMENT:

- M151A2 RWS (2000 RDS)
- M2 .50 CAL or MK-19 (360 RDS)
- M240B ON MCV/ATGM (2000 RDS)
- SMOKE

## STRYKER UNIQUE:

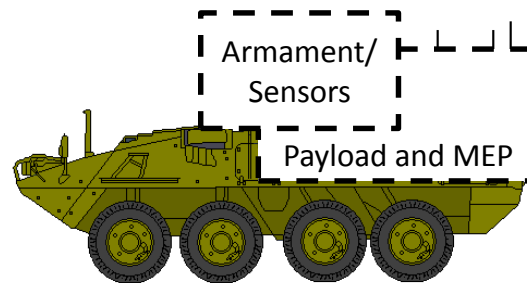
- HMS COMPUTER FOR LOADING C130, CROSS COUNTRY, AND HIGHWAY
- RWS FOLDS FOR C130
- DVE/CHECK SIX CAMERA
- CBRN SYSTEM
- CONVERTER 110/220V
- COMMON CHASSIS & DRIVE TRAIN

## DIMENSIONS

- WEIGHT: 39-48K **(44-59k)**
- LENGTH 288"
- WIDTH 113"
- HEIGHT 126"

## w/SLAT

- WEIGHT: 44K-50K
- LENGTH 312"
- WIDTH 148"
- HEIGHT 106"



## PAYLOAD:

- CREW 2, PASSENGERS VARY,
- 53 gal tank **(63 gal)**
- 72 HRS OF CLASS I, III, & V
- CASEVAC LITTER
- MEP/BII

## ARMOR:

- HIGH HARD STEEL
- MEDIUM CALIBER PROTECTION
- SPALL LINER
- ADDITIONAL KITS

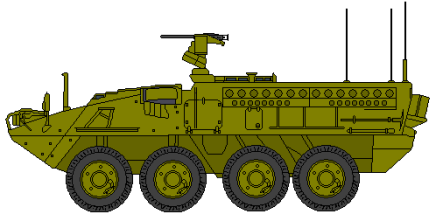
## MOBILITY:

- SPEED – 75 MPH
- 50 m DASH – 9 SEC
- MAX SPEED W/ROLLER – 10 MPH
- GROUND CLEARANCE – 21"
- VERTICAL CLIMB – 24"
- GAP CROSSING – 78"
- RANGE -330 mi **(280 mi)**
- SELF RECOVERY WINCH/TOWBAR
- Max Towed Load (50,000
- ABS

## C2/SA:

- FBCB2 (BFT II) DOWN TO SQD LEVEL
- WINT-II
- OSRVT
- SINCGARS
- NETT WARRIOR
- DVET
- DAGR /D3
- VIS/VIC

**(RED TEXT) = DVH**



# Infantry Carrier Vehicle (ICV) M1126

## Infantry Carrier Vehicle , DVH (ICVV) M1256

-USED BY CO CDR/XO, RIFLE SQD, WPN SQD AND **DVH CAV SQD**



### Key Characteristics

Configuration:	Combat (in)	Transport (in)
Height:	124	104
Width:	117	117
Length:	288	288

Crew: 2  
Squad: 9

### Common STRYKER Characteristics:

Engine: 350 hp JP-8/Diesel/53 Gal Tank  
Transmission: Allison; Six FWD Speeds, One Reverse  
Brakes: Full Air, Wedge Actuated w/ABS on 2&3 Axles  
Drive train/Suspension: 4 & 8 Wheel Drive; 4 Wheel Steer,  
Drivers Vision Enhancement (DVE) – Night IR Camera  
Integrated Electronic Technical Manual  
VDET or Embedded Training Module  
Remote Weapon Station: Day and Night (IR) Cameras  
RWS folds for C130 transport  
Remote Charging and Firing under armor

### Deployability

C-130 – 1 ea @ 40.5k lbs **(NO)**  
C-17 – 2 ea @ 45k lbs ea  
**(2 ea @ 45k lbs ea)**  
C-5 – 4 ea @ 49.4k lbs ea  
**(4 ea @ 49.4k lbs ea)**

TM 9-2355-311-10-2 (Vol 1-4)  
**TM 9-2355-363-10-1 (Vol 1-4)**

### Mobility

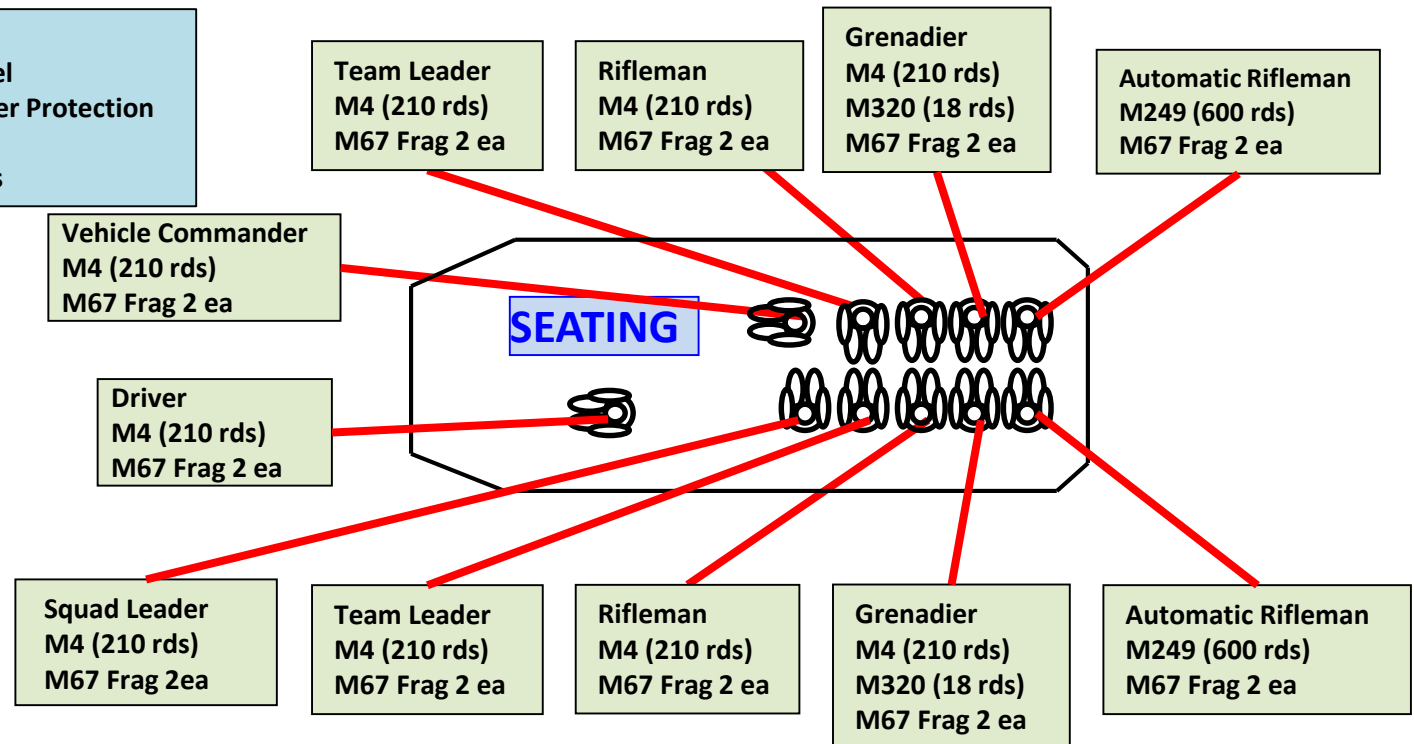
Gross weight -41,600 lbs  
**56,297 lbs**  
Fording-53 in  
Top Speed – 75 mph  
50m Dash – 9 sec.  
Wheel Clearance – 21 in  
Vertical Climb – 24 in  
Gap Crossing – 78 in  
Range – 280 mil (450 KM)  
53 gal Tank **(63 gal)**  
Winch single line- 21,000 lbs

### Armament

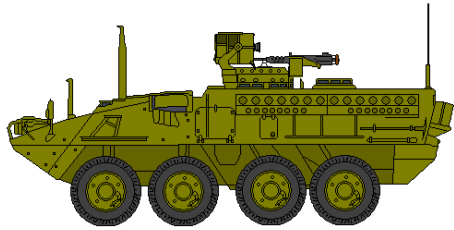
RWS 50/50 mix of M2/MK19 , 2000/360 rds  
M6 Smoke  
Javelin CLU with 2 missiles stowed  
AT-4 x 2 stowed

### ARMOR:

-High Hard Steel  
-Medium Caliber Protection  
-Spall Liner  
-Additional Kits



**(RED TEXT) = DVH**



# Recon Vehicle (RV) M1127

No DVH = (ICVV-S), M1256



USED BY CAV TRP CDR/SQD AND INF BN SCOUTS

## Key Characteristics

<b>Configuration:</b>	Combat (in)	Transport (in)	Long Range Advanced Scout Surveillance System (LRAS3)
<b>Height:</b>	131	104	Provides long range infrared target detection, identification and far target location.
<b>Width:</b>	154	113	Common LRAS3 sensor across Army for reconnaissance
<b>Length:</b>	288	288	Uses serial connectivity to FBCB2 for SPOT reporting
<b>Crew:</b>	2		Pintle mounted M2/MK19 with cupola shield
<b>Squad:</b>	5		

### Mobility

Gross weight -40,300 lbs  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank  
 Winch single line- 21,000 lbs

### ARMOR:

-High Hard Steel  
 -Medium Caliber Protection  
 -Spall Liner  
 -Additional Kits

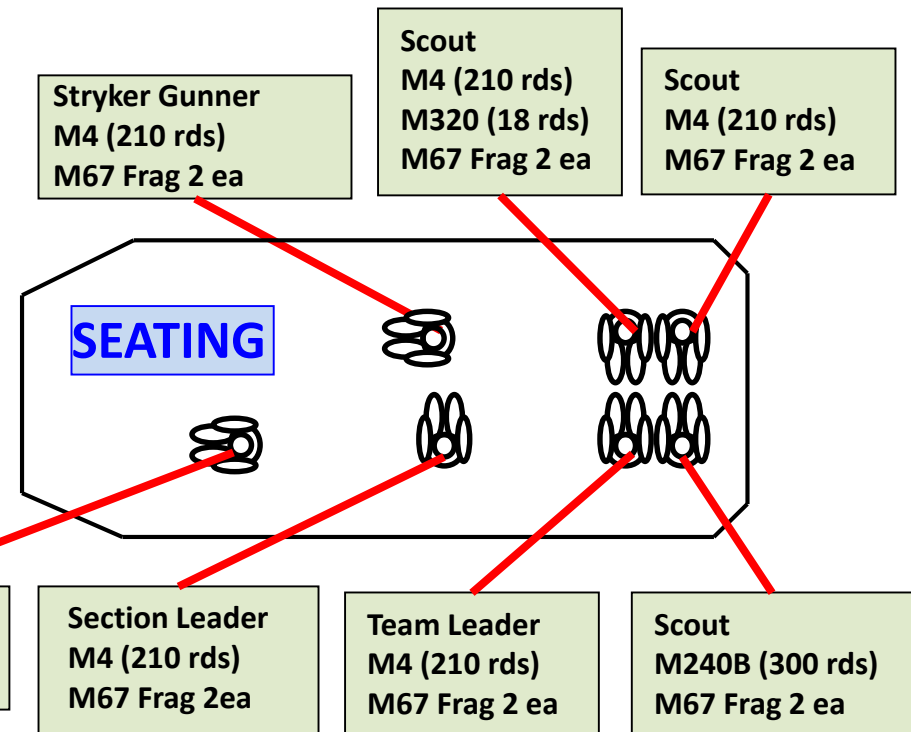
### Deployability

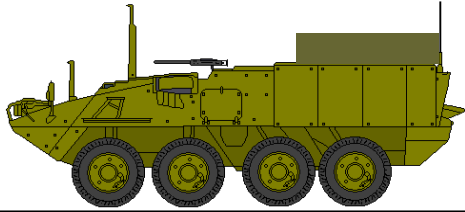
C-130 – 1 ea @ 40.5k lbs  
 C-17 – 2 ea @ 45k lbs ea  
 C-5 – 4 ea @ 49.4k lbs ea

### Armament

50/50 mix of M2/MK19, 2000/360 rds  
 M6 Smoke  
 Javelin CLU with 2 missiles stowed  
 AT-4 x 2 stowed

TM 9-2355-311-10-5 (Vol 1-4)





# Mortar Carrier Vehicle (MCV) M1129A1

## Mortar Carrier Vehicle, DVH (MCVV) M1252

USED BY BN, CO, and CAV TRP MTR SEC



### Key Characteristics

Configuration:	Combat (in)	Transport (in)	120 mm Recoil Mortar System; with 10" recoil
Height:	125	106	Fires all US 120 mm Mortar rounds. Max rate of fire – 16 Rounds per minute for 1 minute
Width:	113	111	Sustained Fire Rate – 4 Rounds per minute (up to 60 rds)
Length:	288	287	BN/CO 120mm stowed 48 rds, CAV 60 rds
Squad: 5			BN MCV carries M252 81 mm Mortar with 35 rds of ammo for dismounted missions. CO MCV carries M224A1 60 mm Mortar with 77 rds of ammo for dismount missions. CAV MCV no dismounted mortar at this time.
Mortar Fire Control System; Compatible with AFATDS, FIST SCU, processes digital fire missions, provides control measures, and digital gun lay data.			

### Mobility

Gross weight -43,600 lbs  
**56,600 lbs**  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank (**63 gal**)  
 Winch single line- **21,000 lbs**

### ARMOR:

- High Hard Steel
- Medium Caliber Protection
- Spall Liner
- Additional Kits

### Deployability

C-130 – 1 ea @ 40.5k lbs (**NO**)  
 C-17 – 2 ea @ 45k lbs ea  
 (**2 ea @ 45k lbs ea**)  
 C-5 – 4 ea @ 49.4k lbs ea  
 (**4 ea @ 49.4k lbs ea**)

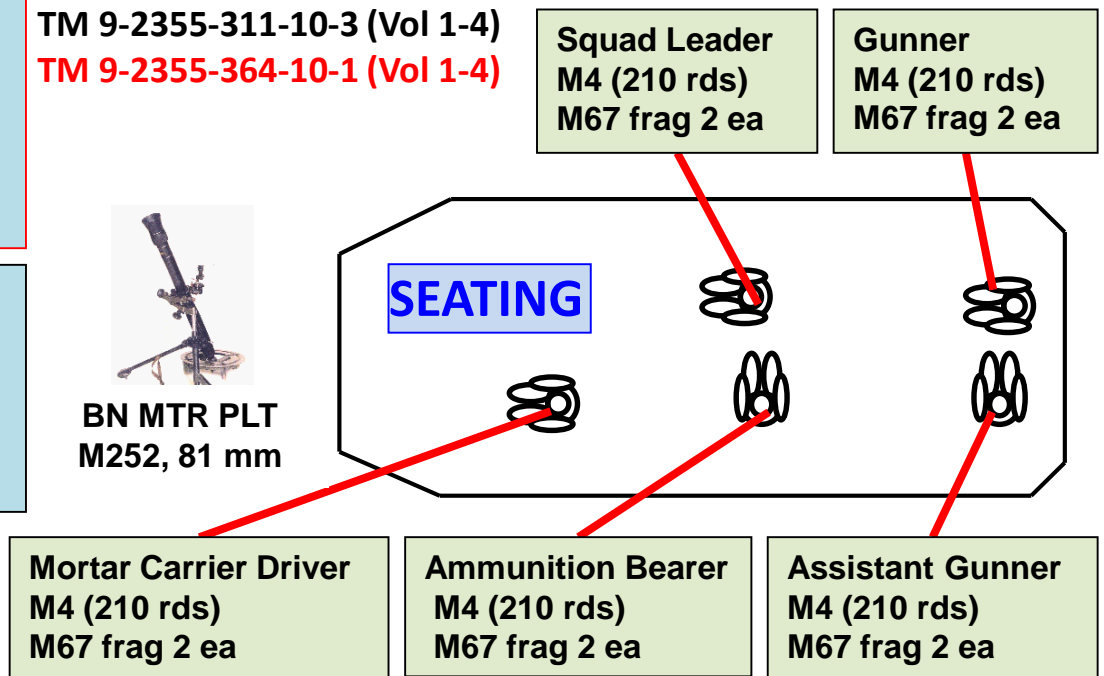
### Armament

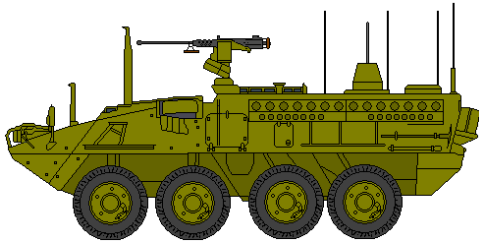
120mm Mortar, 60/48 rds  
 81mm Mortar, 35 rds  
 60 mm mortar, 77 rds  
 M240B Pintle mounted 1000 rds  
 No M6 Smoke



CO MTR SEC  
M224A1, 60 mm

TM 9-2355-311-10-3 (Vol 1-4)  
 TM 9-2355-364-10-1 (Vol 1-4)





# Commander Vehicle (CV) M113

## Commander Vehicle ,DVH (CVV) M1255

USED BY BDE/BN CDR, BDE/BN S3,  
TACP, CAV TRP XO, AND RETRANS TM



### Key Characteristics

Configuration:	Combat (in)	Transport (in)
Height:	126	106
Width:	113	111
Length:	288	288
Crew:	2 + 3	

The Command Variant provides connectivity between SBCT Battalion/Squadron TOCs, mobile CMD nodes, and Brigade TOCs. The FBCB2 network provides the link facilitating the exchange of information between TOCs and platforms at all levels.

The Lower TI digital backbone connects all FBCB2 equipped platforms and local unit TOCs via EPLRS and SINCGARS networks.

RWS folds for C130 transport

### Armament

RWS M2 with 2000 rds  
M6 Smoke

### ARMOR:

- High Hard Steel
- Medium Caliber Protection
- Spall Liner
- Additional Kits

### Deployability

- C-130 – 1 ea @ 40.5k lbs **(NO)**
- C-17 – 2 ea @ 45k lbs ea  
**(2 ea @ 45k lbs ea)**
- C-5 – 4 ea @ 49.4k lbs ea  
**(4 ea @ 49.4k lbs ea)**

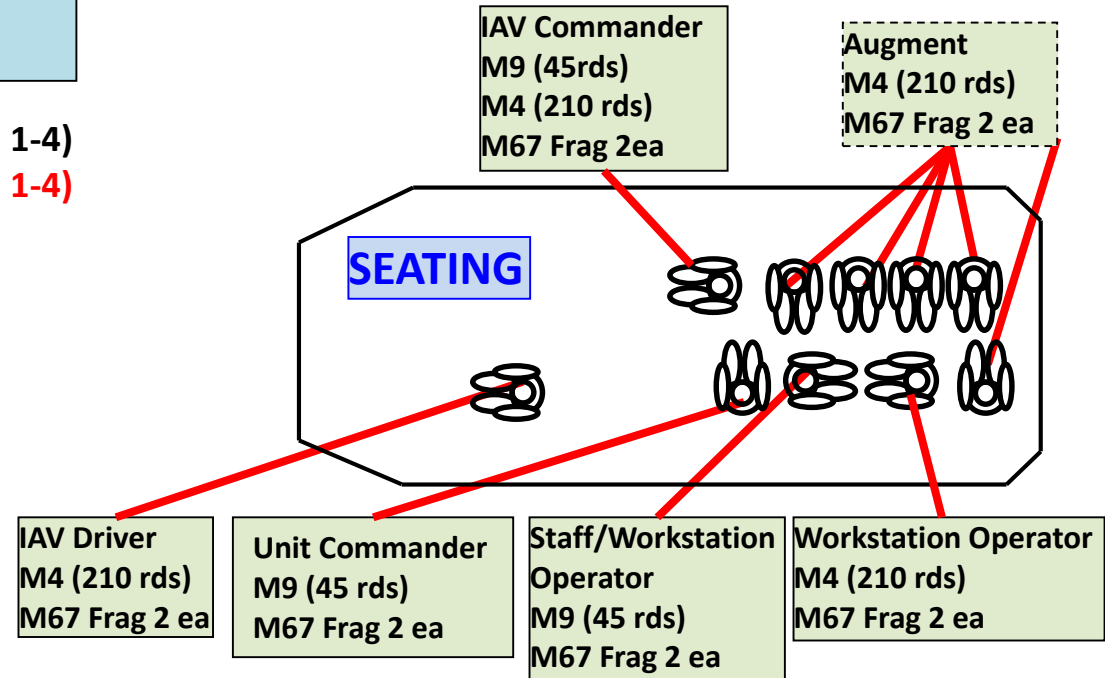
### Mobility

Gross weight -39,500 lbs  
**54,790 lbs**  
Fording-53 in  
Top Speed – 75 mph  
50m Dash – 9 sec.  
Wheel Clearance – 21 in  
Vertical Climb – 24 in  
Gap Crossing – 78 in  
Range – 280 mil (450 KM)  
53 gal Tank **(63 gal)**  
Winch single line- 21,000 lbs

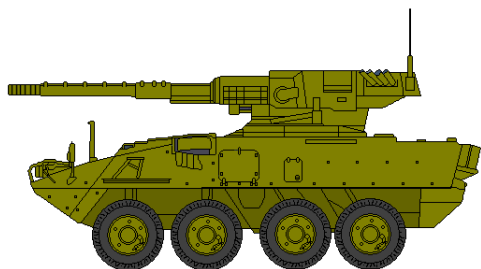
TM 9-2355-311-10-4 (Vol 1-4)

**TM 9-2355-370-10-1 (Vol 1-4)**

**(RED TEXT) = DVH**







# Mobile Gun System (MGS) M1128

**No DVH**

Attached to Rifle CO



### Key Characteristics:

<b>Configuration:</b> Combat (in)	Transport (in)	<b>M68A1/A2 series 105 mm Main Gun, 18 Rds with Ammunition Handling System (AHS),          Compact Modular Sight (CMS), Commanders Panoramic viewer (CPV),          Cross Wind Sensor, Muzzle Reference sensor (MRS), Gunners Aux Sight (GAS)          Color Situational Awareness Camera          M2 MG pintle mount with 400 rds.          M240C 7.62 mm Coax MG with 3400 rds.          M6 Smoke</b>
<b>Height:</b> 130	106	
<b>Width:</b> 128	107	
<b>Length:</b> 298	298	
<b>Crew:</b> 3		

### Mobility

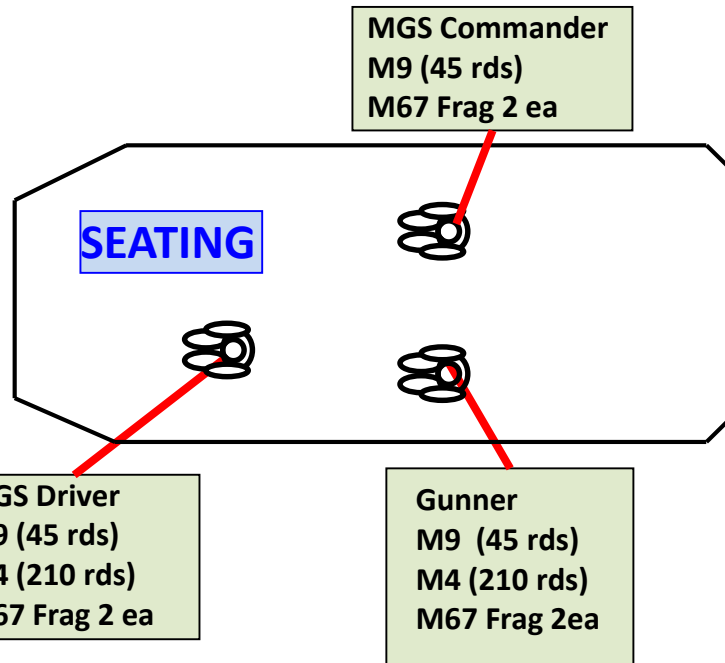
Gross weight - 46,995 lbs  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank  
 No Winch

### Deployability

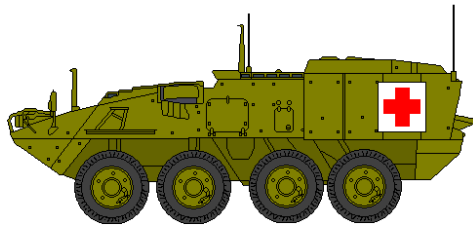
C-130 – 1 ea @ 40.5k lbs  
 C-17 – 2 ea @ 45k lbs ea  
 C-5 – 4 ea @ 49.4k lbs ea

### ARMOR:

-High Hard Steel  
 -Medium Caliber Protection  
 -Spall Liner  
 -Additional Kits



TM 9-2355-311-10-1 (Vol 1-8)



# Medical Evacuation Vehicle (MEV) M1133

## Medical Evacuation Vehicle, DVH (MEVV) M1254

USED AT CO AND TRP



### Key Characteristics

Configuration:	Combat (in)	Transport (in)	4 Litter Patients with Litter Lift System
Height:	122	106	6 Ambulatory Patients
Width:	113	111	Patient stability, life support and monitoring systems:
Length:	288	275	On board O <sub>2</sub>
Crew: 3			Hand Held Medics Aide (MC4)
			Interior LED dome and task lights
			Air Conditioning kit
			High deck roof for easier access to patients

### Mobility

Gross weight -39,000 lbs  
**54,640 lbs**  
 Forging-53 in  
 Top Speed - 75 mph  
 50m Dash - 9 sec.  
 Wheel Clearance - 21 in  
 Vertical Climb - 24 in  
 Gap Crossing - 78 in  
 Range - 280 mil (450 KM)  
 53 gal Tank (**63 gal**)  
 Winch single line- 21,000 lbs

### ARMOR:

- High Hard Steel
- Medium Caliber Protection
- Spall Liner
- Additional Kits

### Deployability

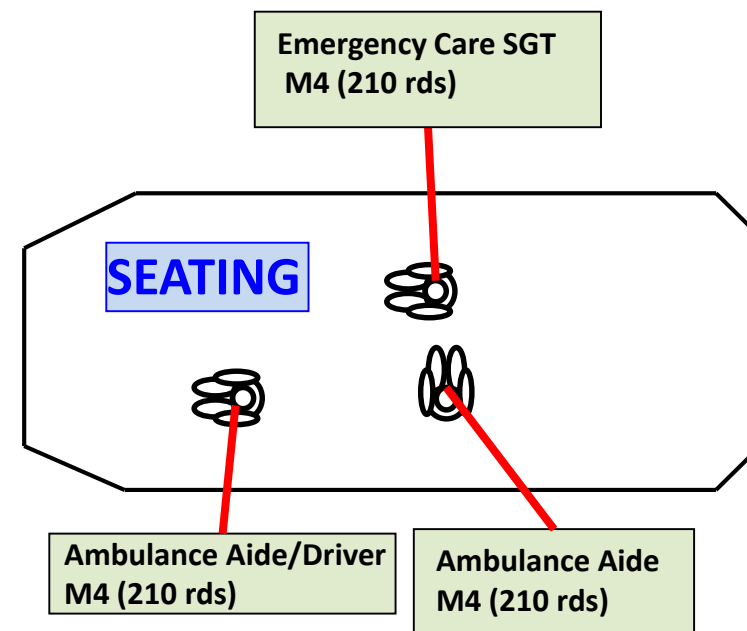
C-130 - 1 ea @ 40.5k lbs (**NO**)  
 C-17 - 2 ea @ 45k lbs ea  
 (**2 ea @ 45k lbs ea**)  
 C-5 - 4 ea @ 49.4k lbs ea  
 (**4 ea @ 49.4k lbs ea**)

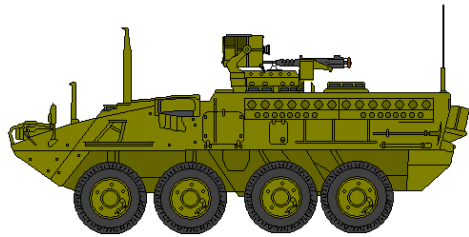
### Armament

None  
 M6 smoke

TM 9-2355-311-10-8 (Vol 1-4)  
**TM 9-2355-368-10-1 (Vol 1-4)**

**(RED TEXT) = DVH**





# Fire Support Vehicle (FSV) M1131A1

## Fire Support Vehicle, DVH (FSVV) M1251

USED AT CO, TRP, and AA CO



### Key Characteristics

Configuration:	Combat (in)	Transport (in)
Height:	131	106
Width:	113	111
Length:	288	288

Crew: 4

### Long Range Advanced Scout Surveillance System (LRAS3)

Provides long range infrared target detection, identification, far target location, and target designation for guided munitions.

Common LRAS3 sensor across Army for FIST mission processing .

Automated FIST C2 functions for Fire Support planning,

FS3 consists of the LRAS3 w/ Laser Designation Module (LDM).

SCU provides connectivity between FBCB2 and AFATDS.

LLDR is used for dismount operations.

### Mobility

Gross weight -38,700 lbs  
**(47,000 lbs)**

Fording-53 in

Top Speed – 75 mph

50m Dash – 9 sec.

Wheel Clearance – 21 in

Vertical Climb – 24 in

Gap Crossing – 78 in

Range – 280 mil (450 KM)

53 gal Tank **(63 lbs)**

Winch single line- 21,000 lbs

### Armament

M2 pintle mounted, 2000 rds  
M6 Smoke

### Deployability

C-130 – 1 ea @ 40.5k lbs **(NO)**

C-17 – 2 ea @ 45k lbs ea  
**(2 ea @ 45k lbs ea)**

C-5 – 4 ea @ 49.4k lbs ea  
**(4 ea @ 49.4k lbs ea)**

**(RED TEXT) = DVH**

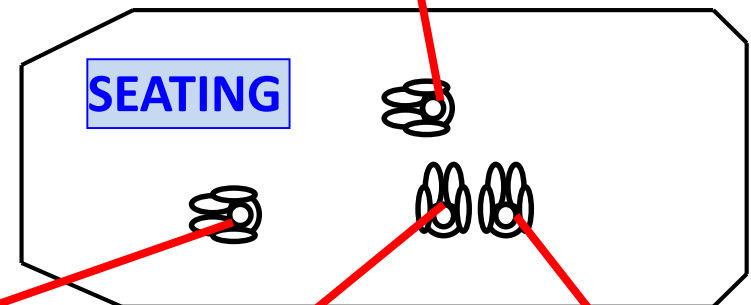
### ARMOR:

- High Hard Steel
- Medium Caliber Protection
- Spall Liner
- Additional Kits

TM 9-2355-311-10-9 (Vol 1-4)

**TM 9-2355-369-10-1 (Vol 1-4)**

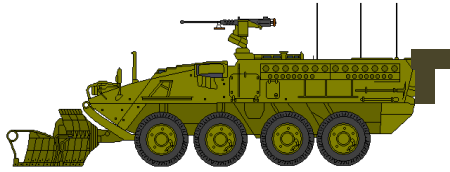
Fire Support Specialist  
M4 (210 rds)  
M67 Frag 2ea



Fire Support Specialist/Driver  
M4 (210 rds)  
M67 Frag 2 ea

Fire Support Sergeant  
M4 (210 rds)  
M67 Frag 2 ea

Fire Support Officer  
M4 (210 rds)  
M67 Frag 2 ea



# Engineer Squad Vehicle (ESV) M1132

## Engineer Squad Vehicle, DVH (ESVV) M1257

USED AT EN CO #1 and #2



### Key Characteristics

Configuration:	Combat (in)	Transport (in)
Height:	126	106
Width:	113	111
Length:	288 (w/o MEP)	288
Crew:	2	
Squad:	7	

**Mission Equipment Package:**  
 Surface Mine Plow (SMP), Mine Roller (MR), Straight Obstacle Blade (SOB),  
 Angled Mine Plow (AMP), Magnetic Signature Duplicator (MSD)  
 (Stand off = + / - 2 m), Lane Marking System (LMS) for proofed lane  
 identification, Lane Width 113 in / 126 in / Clearing Speed: 8-10 mph  
 Company Commander Installation Kit (CCIK)  
 RWS folds for C130 transport

### Mobility

Gross weight -46,000 lbs  
**(57,380 lbs)**  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank **(63 gal)**  
 Winch single line- 21,000 lbs

### Armament

RWS 2/3- 1/3 mix of M2/MK19 , 2000/340 rds  
 M6 Smoke  
 Javelin CLU w/2 missiles (carried)  
 AT-4 x 2 (carried)

### Deployability

C-130 – 1 ea @ 40.5k lbs **(NO)**  
 C-17 – 2 ea @ 45k lbs ea  
**(2 ea @ 45k lbs ea)**  
 C-5 – 4 ea @ 49.4k lbs ea  
**(4 ea @ 49.4k lbs ea)**



Mine Clearing  
 Line Charge  
 (MICLIC) towed

Team Leader  
 M4 (210 rds)  
 M320 (18 rds)  
 M67 Frag 2 ea

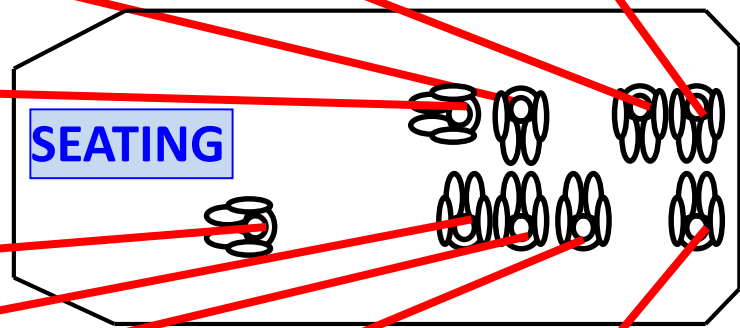
Combat Engineer  
 M249 (600 rds)  
 M67 Frag 2 ea

Combat Engineer  
 M4 (210 rds)  
 M67 Frag 2 ea

Vehicle Commander  
 M4 (210 rds)  
 M320 (18 rds)  
 M67 Frag 2 ea

Vehicle Driver  
 M4 (210 rds)  
 M67 Frag 2 ea

**SEATING**



Squad Leader  
 M4 (210 rds)  
 M67 Frag 2ea

Team Leader  
 M4 (210 rds)  
 M67 Frag 2 ea

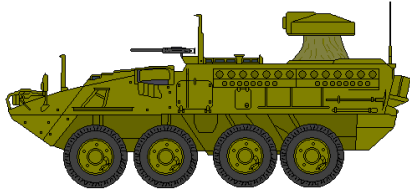
Combat Engineer  
 M249 (600 rds)  
 M67 Frag 2 ea

Combat Engineer  
 M240B (400 rds)  
 M67 Frag 2 ea

**(RED TEXT) = DVH**

TM 9-2355-311-10-6 (Vol 1-4)  
 TM 9-2355-366-10-1 (Vol 1-4)

Note: PL ESV/ESVV carries 4 Soldiers  
 PSG HMMWV carries 3 Soldiers



# Anti Tank Guided Missile (ATGM) M1134

## Anti Tank Guided Missile, DVH (ATGMV) XM1253

USED BY AA CO ONLY



### Key Characteristics

Configuration:	Combat (in)	Transport (in)
Height:	120	106
Width:	113	111
Length:	270	287
Crew:	4	

Carries 10 TOW Missiles plus 2 Ready Rounds  
 Fires from under armor with minimal crew exposure at reload  
 Mounts M240B with 2000 rds, folding pintle mount for TOW firing  
 Uses Modified Improved Target Acquisition System , Gen II FLIR.  
 (MITAS) with common sight picture to ITAS.  
 STRYKER Unique folding Antenna design.

### Mobility

Gross weight -41,000 lbs  
**(54,560 lbs)**  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank **(63 gal)**  
 Winch single line- 21,000 lbs

### Deployability

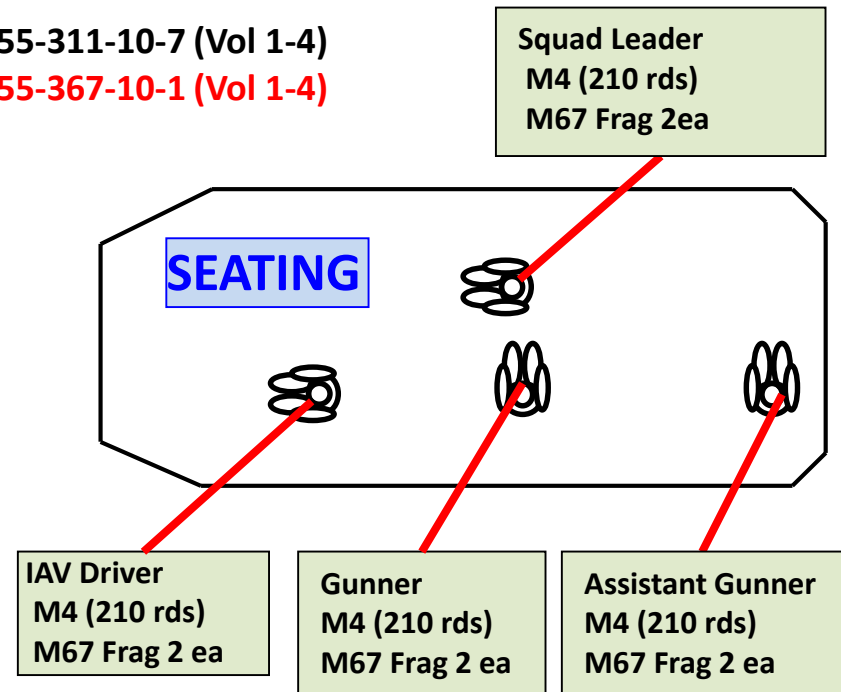
C-130 – 1 ea @ 40.5k lbs **(NO)**  
 C-17 – 2 ea @ 45k lbs ea  
**(2 ea @ 45k lbs ea)**  
 C-5 – 4 ea @ 49.4k lbs ea  
**(4 ea @ 49.4k lbs ea)**

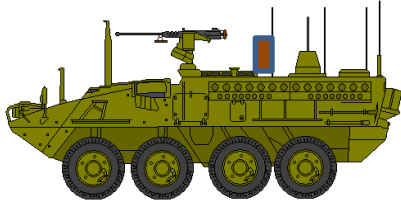
### ARMOR:

-High Hard Steel  
 -Medium Caliber Protection  
 -Spall Liner  
 -Additional Kits

**(RED TEXT) = DVH**

TM 9-2355-311-10-7 (Vol 1-4)  
**TM 9-2355-367-10-1 (Vol 1-4)**





# NBC Recon Vehicle (NBCRV) M113

**No DVH**



<u>Key Characteristics:</u>			<u>NBC Sensor Components</u>
	Combat (in)	Transport (in)	
Height:	126	106	Chemical Biological Mass Spectrometer (CBMS).
Width:	113	111	Joint Biological Point Detection System (JBPDS).
Length:	298	275	Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD).
			NBC Sensor Processing Group (including METSMAN).
			Chemical Vapor Sampling System (CVSS).
			Automatic Chemical Agent Detection Alarm (ACADA).
Crew: 4			Radiation, Detection, Identification and Computation (RADIAC).
			RWS folds for C130 transport.

## Mobility

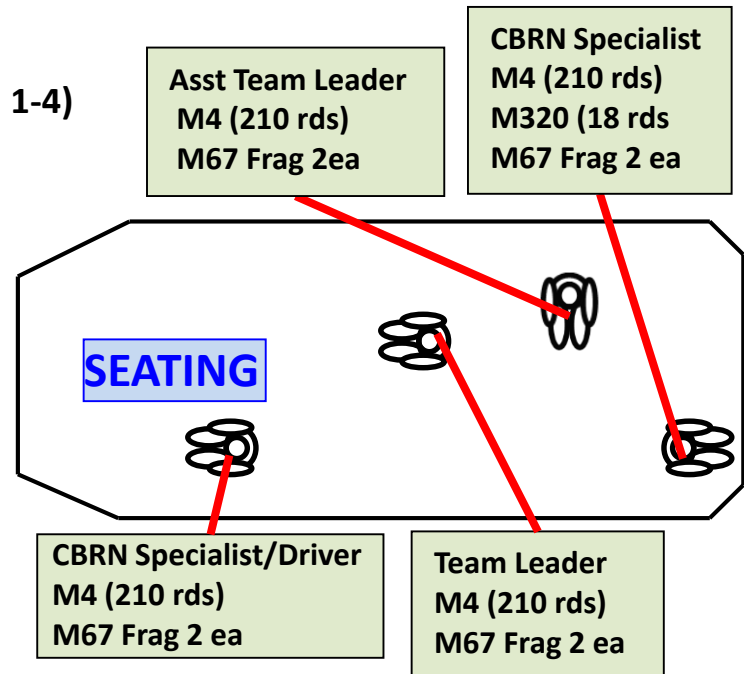
Gross weight -43.4k lbs  
 Fording-53 in  
 Top Speed – 75 mph  
 50m Dash – 9 sec.  
 Wheel Clearance – 21 in  
 Vertical Climb – 24 in  
 Gap Crossing – 78 in  
 Range – 280 mil (450 KM)  
 53 gal Tank  
 Winch single line- 21,000 lbs

Armament  
 RWS M2 with 2000 rds  
 M6 Smoke  
 AT-4 x 2 (carried)

Deployability  
 C-130 – 1 ea @ 40.5k lbs  
 C-17 – 2 ea @ 45k lbs ea  
 C-5 – 4 ea @ 49.4k lbs ea

ARMOR:  
 -High Hard Steel  
 -Medium Caliber Protection  
 -Spall Liner  
 -Additional Kits

TM 9-2355-311-10-10 (Vol 1-4)



# MODULAR CATASTROPHIC RECOVERY SYSTEM (MCRS X 7 PER SBCT)



PM-HTV is planning for full materiel release in 2Q, 2017. No BOIP at this time but recommending 1 per FSC and BSB S&R section. Added to the CRTs or it may replace M984s one for one.

# STRYKER FBH KITS

## ALL WEIGHTS IN LBS

SYSTEM DESCRIPTION	VARIANT									
	ICV 136 ea	CV 32 ea	RV 51 ea	FSV 13 ea	ESV 12 ea	ATGM 9 ea	MEV 23 ea	MCV 36 ea	NBCRV 3 ea	MGS 9 ea
Vehicle FCW (w/ Gen 3.5)	41,052	39,560	40,285	39,340	42,191	41,290	39,251	43,057	42,913	48,180
Driver's Enhancement Kit (DEK)	970	970	970	970	970	970	970	970	970	970
1" SLAT	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005	3,005
Hull Protection Kit (HPK)	3,984	3,984	3,984	3,984	3,984	3,984	3,984	3,984	3,984	3,338
Common Ballistic Shield (CBS)	1,459	1,630	1,064	1,064	1,332	868	493	526	N/A	N/A
Mine Protection Kit (MPK)	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998	2,998
MRAK Adapter & SPARK	7,136	7,136	7,136	7,136	7,136	7,136	7,136	7,136	7,136	7,136
EA Troop Seats	288	130	139	20	288	-26	N/A	N/A	16	N/A
EA CMDR Seat	31	31	31	31	31	31	31	31	31	N/A
EA Lower Limb Protection	60	60	60	60	60	60	60	TBD	60	TBD
External Lights Kit (ELK)	170	170	185	185	170	170	170	170	170	170
Tire Fire Suppression Kit (TFSK)	205	205	205	205	205	205	205	205	205	205
DEK Sponson Kit	181	181	181	181	181	181	181	181	181	181
MPK Extension	186	186	186	186	186	186	186	186	N/A	N/A
Strykshield	337	337	337	337	337	337	337	337	N/A	N/A
<i>SRAT</i>	8,000									

INSTALL HPK AND REMOVE 1410 LBS FROM MPK



# STRYKER FBH C130 CERTIFICATION

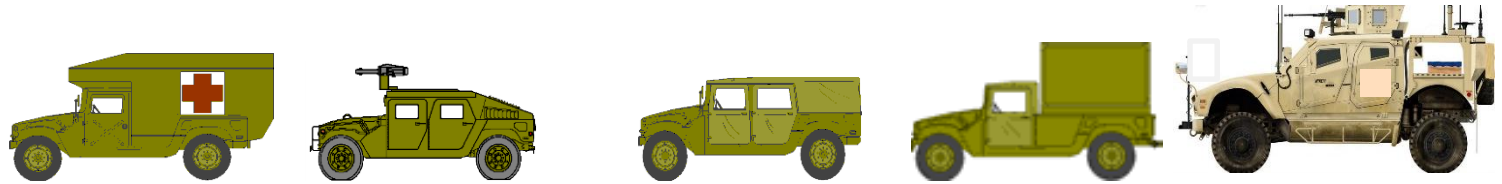
## (FLAT BOTTOM HULL (FBH))

					Max Crew	C130 ramp angle 12°		C130 ramp angle 15°	
Model	Name	Length	Width	Height	Auth	Vehicle weight	CG Range	Vehicle weight	CG Range
M1126	ICV	288 in	113 in	106 in	11	up to 36,500 36,501-38,500 38,501-40,500	122.0-148.4 125.6-145.7 128.8-143.6	up to 36,500 36,501-38,500 38,501-40,500	122.0-145.8 125.6-143.5 128.8-141.5
M1127	RV	288 in	113 in	106 in	4				
M1129A1	MCV**	287 in	113 in	106 in	4				
M1130	CV	288 in	113 in	106 in	4				
M1131A1	FSV	288 in	113 in	106 in	4				
M1132	ESV	288 in	113 in	106 in	11				
M1133	MEV**	289 in	113 in	106 in	5				
M1135	NBCRV*	298 in	113 in	106 in	4				
M1134	ATGM**	270 in	113 in	106 in	4	up to 36,500 36,501-38,500 38,501-40,500	122.0-146.3 125.6-143.6 130.6-140.8	up to 36,500 36,501-38,500 38,501-40,500	123.3-149.0 129.3-146.6 134.9-144.3
M1128	MGS*	298 in	113 in	106 in	3	Up to 36,500 36,001-38,000 38,001-38,250 38,251-38,500 38,501-38,750 38,751-39,000 39,001-39,250 39,251-39,500 39,501-39,750 39,751-39,937	128.7-139.1 132.2-137.3 132.7-137.1 133.1-136.9 133.5-136.7 134.0-136.5 134.4-136.2 134.9-136.0 135.3-135.8 135.6-135.6	Not approved for ramp grater than 12°	

**USAF Certification 8 May 2007**  
 C130 ramp angle on flat surface is ~10°  
 \*Requires armor removed to meet weight and CG requirements.  
 \*\*Requires brackets removed to meet space requirements.  
**Stryker Certified to 60K for C17/C5**



# HMMWV KEY CHARACTERISTICS



UNIT	M997A2	M1151A1	M1156A1	M1152A1	M1240A1
Length	108 in				248 in
Ht	84 in				131
HtTransport	72 in				105
Width	72 in				122
Curb Weight	5,200				28,500
Payload	2500-4400 lbs				5,900
Fuel	JP8 - 25 Gal Tank				JP8-47 Gal
Power	V8 Diesel 150 hp				I-6 Diesel 370 hp
Drive	2x4 / 4x4				2x4 / 4x4
Crew	2				2

### Mobility:

Gross weight -10,000 lbs  
 Fording-30 in  
 Top Speed – 65 mph  
 Range – 350 mile

### Deployability:

C-130 – 3 @ 9,200 lbs  
 C-17 – 10 @ 9,200 lbs  
 C-5 – 14 @ 9,200 lbs

### ARMOR:

- Small Caliber Protection  
 -Ballistic Glass

### Armament:

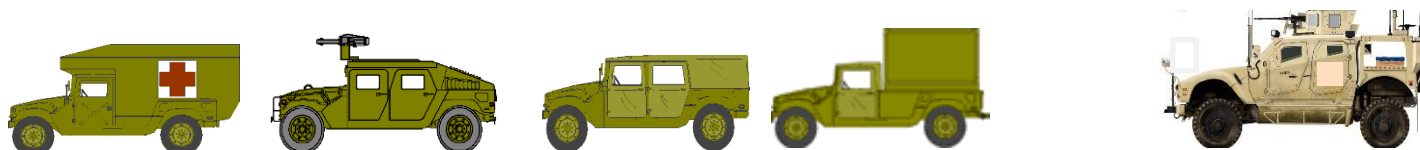
M240B, M2, MK19

### Mobility

Gross weight -37,000 lbs  
 Fording-36 in  
 Top Speed – 62 mph  
 Range – 374 mile  
 Armament M2  
 Armor: Med Caliber  
 Deployability:  
 C-130 – 1 @ 26,000 lbs  
 C-17/C5 – 37,000 lbs  
 C-17/C5- Sleeper Shoring

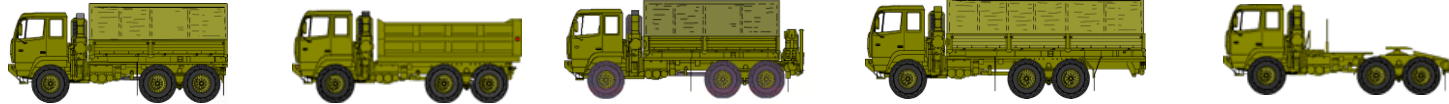
**TM 9-2320-280-10**

# HMMWV 4 X 4 BY UNIT



UNIT	M997A2	M1151A1	M998/ M1038	M1152A1		M1240A1
LIN	T38844	T92446	T61494	T07679		
BDE HQ			23	5		
BEB	2	6	39	16		1
INF RGMT			22	1		
INF RGMT			22	1		
INF RGMT			22	1		
FA RGMT	1		42	21		12
RECON SQDN			13	1		
BSB	15		91	25		7
Totals	18	6	274	71	369	20

# MTV KEY CHARACTERISTICS



	M1083	M1157	M1084	M1085 LWB	M1088
Length	274 in		306 in	349 in	281 in
Height	112 in				
Height Transport	106 in				
Width	96 in				
Curb Weight	19,797 lbs		23,877 lbs	21,036 lbs	18,840
Payload	10,000 lbs				
Towed Load	21,000 lbs				60,710 lb
Fuel	JP8 – 56 Gal Tank				
Power	Cat C7 330 hp				
Drive	6 x 6				
Crane Capacity	NA	NA	NA	1500 lbs	NA
Recovery Winch	NA	11,000 lbs, 280 ft	NA	NA	NA
Crew	2	2	2	2	2

## Mobility

Gross weight – 36,200 lbs  
 Fording-36 in  
 Top Speed –58 mph  
 Ground Clearance – 22 in  
 Vertical Climb – 24 in  
 Range – 300 mil (483 km)

## Deployability

C-130 – 1 ea @ 36,200 lbs  
 C-17 –6ea @ 36,200 lbs ea  
 C-5 –8ea 36,200 lbs ea

## Armament:

M2, Ring Mount 800 rds  
 MK19,ring Mount 380 rds

## ARMOR:

Low Signature Armored Cab (LSAC)  
 -Small Caliber Protection  
 -Ballistic Glass

**TM-9-2320-366-10**

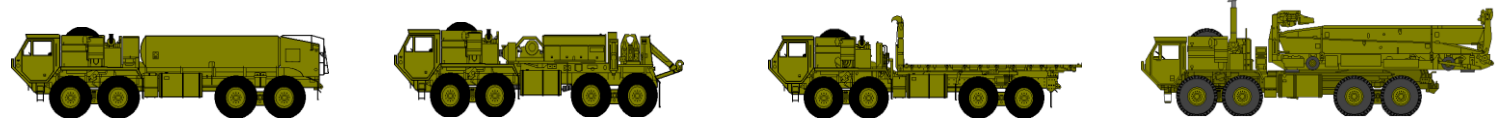


# MTV 5 TON 6 X 6 BY UNIT



UNIT	CARGO M1083	MHE M1084	DUMP M1157	LWB M1085/1087	TRACTORM M1088	
LIN	T61908 T41135	T41203	T64911	T41271/T61704	T61239 T61307	
BDE HQ	6			0/1		
BEB	14		4	0/4	6	
INF RGMT	11			0/1		
INF RGMT	11			0/1		
INF RGMT	11			0/1		
FA RGMT	28	18		0/0		
CAV SQDN	9	3		0/1		
BSB	93			8/13	9	
<b>Totals</b>	<b>183</b>	<b>21</b>	<b>4</b>	<b>8/22</b>	<b>15</b>	<b>253</b>

# HEMTT KEY CHARACTERISTICS



	Tanker M978	Wrecker M984A1	LHS M1120	TCB M1977
Length	401 in	392 in	400 in	
Height	112 in	112 in	112 in	
Height Transport	102 in	102 in	102 in	
Width	96 in	96 in	96 in	96in
Curb Weight	37,300 lbs	50,900	35,500 lbs	35,500 lbs
Payload	2500 gal	NA	26,000 lbs	
Fuel	JP8 154 gal Tank			
Power	445 hp or 450 hp 8-cylinder turbocharged diesel			
Drive	4x8 & 8x8			
Turning Circle	100 ft	95 ft		
Crane Capacity	NA	6000 lbs	NA	NA
Recovery Winch	20,000 lbs	Rear 60,000 lbs	20,000 lbs	20,000 lbs
Crew	2	2	2	2

## Mobility

Gross weight -11 tons  
 Fording-48 in  
 Top Speed – 63 mph  
 Wheel Clearance – 24 in  
 Gap Crossing - NA  
 Range – 300 mil (483 km)

## Deployability

C-130 – 1 ea @ 40,500 lbs  
 C-17 – 2 ea @ 45,000 lbs ea  
 C-5 – 4 ea @ 62,000 lbs ea

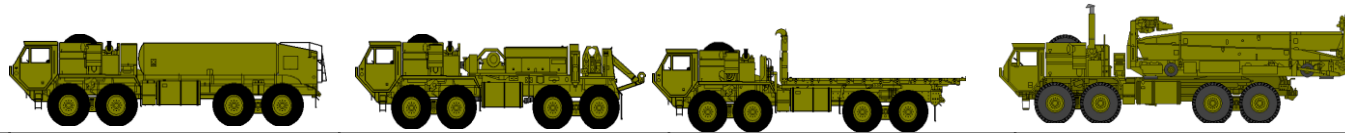
## ARMOR:

- Crew Protection Kit
- High Hard Steel
- Small Caliber Protection
- Ballistic Glass
- 3,135 Lbs



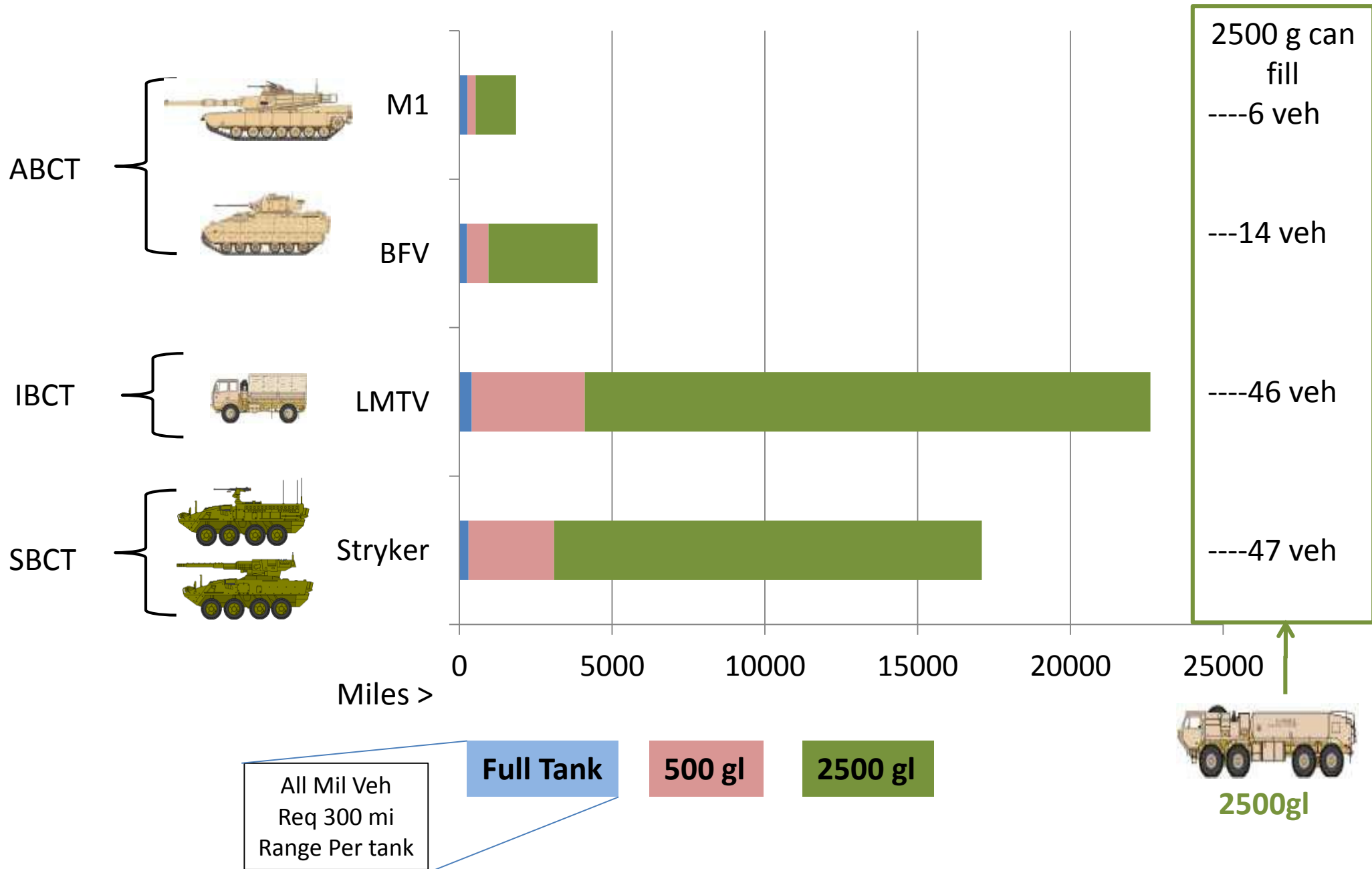
TM 9-2320-279-10

# HEMTT 8 X 8 BY UNIT





















UNIT	Tanker M978A4	Wrecker M984A4	LHS M1120A4	TCB M1977	
LIN	T58161 T87243	T63093	T59278 T96496	T91308	
BDE HQ					
BEB			3	4	
INF RGMT					
INF RGMT					
INF RGMT					
FA RGMT					
CAV SQDN					
BSB	22	23	88		
Totals	22	23	91	4	140

# TACTICAL RANGE = UNIT JP8 DEMANDS





		Army		Air Force			
<b>AIRLIFT</b>		UH 60	CH 47	LVAD	C130	C17	C5
							
M119							
HMMWV 4X4							
M777A2							
LMTV 4X4			1	1	1	4	8
MTV 6X6			1	1	1	3	6
HEMTT 8X8 FOV					1	2	3
STRYKER 8X8				*C17	1	2	4
STRYKER 8X8 MGS				*C17	***Reduced	2	4
M-ATV					***Reduced	****Sleeper Shoring	****Sleeper Shoring
M2A3 BRADLEY **						**	**
M106A6 PALADIN **						**	**
M1A2 ABRAMS **						***Reduced	**

**As of Sep 2015**  
**Strykers exceeding 49,380 lbs**  
**for C17 requires 8 stacks of**  
**Sleeper Shoring, (60K lbs Max)**

RORO-Roll On Roll Off Most expeditious way to load/unload an Aircraft  
 \*Demonstration Air Drop 2004, requires 60k platform not std equip.  
 \*\*Requires HET and Material Handling Equipment to move to/form APOD.  
 \*\*\* Requires reduction of ammo and armor.  
 \*\*\*\*Requires sleeper shoring and straps (stowed on vehicle for air ops).

# STRATEGIC MOVEMENT BY USAF

**STRYKER, (48K LBS), ROLL-ON/ ROLL-OFF, HMS  
DROPS SUSPENSION FOR TIE DOWN**



**Source: C17 MISSION 5 Sep 2012:  
TRANSPORT ONE STRYKER AND ONE  
BFV FROM LAAF, GA TO STEWART  
AIRPORT, NY, (869 NM)**

**SO WHAT:  
THE AIRCRAFT IS ON THE GROUND 3 TO  
4 TIMES LONGER EXTENDING THE TIME  
TO CLOSE THE FORMATION ON THE OBJ.**

**BFV (61K LBS), FLOOR SHORING FOR ON/OFF LOADING, SHORING PROVIDED BY UNIT AND MUST FLY WITH THE LOAD**



# INDIVIDUAL WPNS BY UNIT



UNIT	M-9 P98152	M-4 C06935	M-320A1 L69080	M-249 M39263	M-249 M09009	SHOTGUN T39223	SNIPER WPN M107/M110
BDE HQ	23	143	4	4	0	0	0
BEB	35	401	41	16	35	0	0
INF RGMT	74	566	66	0	54	58	5/5
INF RGMT	74	566	66	0	54	58	5/5
INF RGMT	74	566	66	0	54	58	5/5
FA RGMT	17	517	55	3	0	0	0
CAV SQDN	21	374	34	0	0	36	0
BDE SPT BN	20	848	36	36	87	0	0
<b>Totals</b>	<b>338</b>	<b>3981</b>	<b>368</b>	<b>59</b>	<b>284</b>	<b>210</b>	<b>15/15</b>

# CREW SERVED WPNS BY UNIT



Unit	M-240B M92841	M-240L M92454	MK-19 M92362	M-2A1 M39331	JAVELIN CLU C60750	MORTARS 60/81/120
BDE HQ	0	0	0	5	0	0
BEB	29	0	11	26	4	0
INF RGMT	14	22	24	45	27	6/4/10
INF RGMT	14	22	24	45	27	6/4/10
INF RGMT	14	22	24	45	27	6/4/10
FA RGMT	39	0	26	40	0	0
CAV SQDN	12	3	18	38	36	0/0/6
BDE SPT BN	41	0	15	76	0	0
<b>Totals</b>	<b>163</b>	<b>102</b>	<b>142</b>	<b>320</b>	<b>121</b>	<b>18/12/36</b>

# SENSORS BY UNIT

PAGE 1 OF 2



UNIT	PAS 13 LWTS S60356	PAS 13 MWTS S90535	PAS 13 HWTS S90603	PVS-7 N05482	PVS 14 M79678	LLDR R60282	Raven S83835	Shadow U05001	Q-50 LCMR L05007	Q-36/ Q-37
BDE HQ	0	4	5	78	3	0	1	0	0	0
BEB	11	66	37	268	144	0	2	4	0	0
INF RGMT	62	90	119	345	365	0	3	0	0	0
INF RGMT	62	90	119	345	365	0	3	0	0	0
INF RGMT	62	90	119	345	365	0	3	0	0	0
FA RGMT	0	42	66	363	33	16	3	0	4	1/1
CAV SQDN	18	48	92	181	117	0	3	0	0	0
BDE SPT BN	0	77	91	783	0	0	1	0	0	0
<b>Totals</b>	<b>215</b>	<b>507</b>	<b>648</b>	<b>2708</b>	<b>1392</b>	<b>16</b>	<b>19</b>	<b>4</b>	<b>4</b>	<b>1/1</b>

PVS-7/PVS-14 Modernization → PSQ-20.

Q36/37 Modernization → Q-53

# SENSORS BY UNIT

PAGE 2 OF 2



UNIT	MELIOS M74849	LTLM L05003	LTLS T27471	M68 Sight S60288	LRAS3 S02976	M151 RWS	DVE/ Check 6 D41659	MGS CMS
BDE HQ	0	0	0	129	0	4	4	0
BEB	0	4	0	378	0	22	21	0
INF RGMT	0	19	1	456	4	49	76	3
INF RGMT	0	19	1	456	4	49	76	3
INF RGMT	0	19	1	456	4	49	76	3
FA RGMT	0	0	40	470	13	1	34	0
CAV SQDN	12	27	0	319	39	9	60	0
BDE SPT BN	0	0	0	763	0	0	146	0
<b>Totals</b>	<b>12</b>	<b>88</b>	<b>43</b>	<b>3427</b>	<b>64</b>	<b>183</b>	<b>493</b>	<b>9</b>

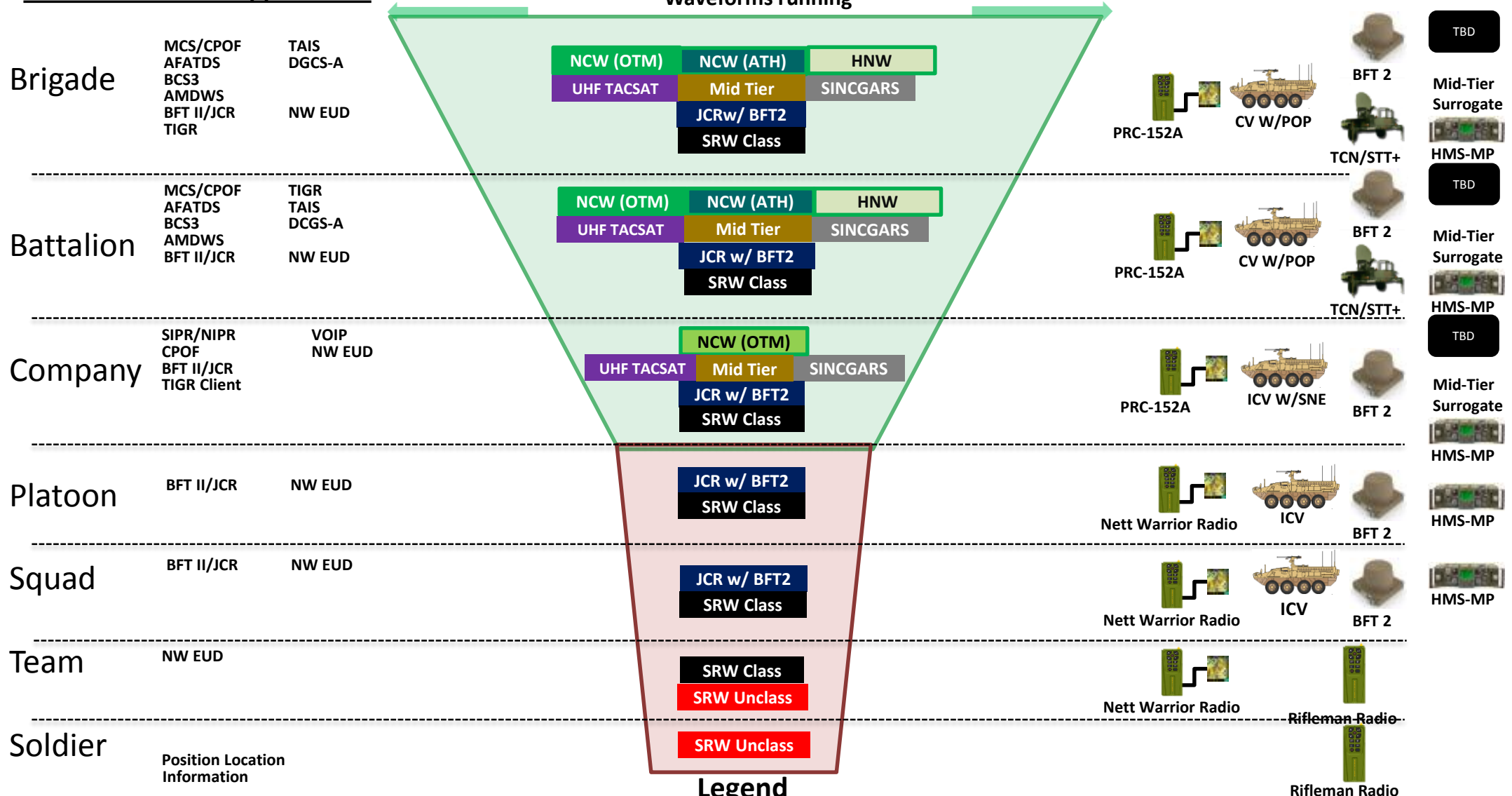
**234 RWS in  
DVH SBCT**

# CS-14 APPLICATIONS AND TRANSPORT

## Mission Command Applications

## Available Network Capacity & Waveforms running

## Network Transport Systems



### Legend

MCS/CPOF – Maneuver Control System/Command Post of the Future  
 AFATDS – Advanced Field Artillery Data System  
 BCS3 – BC Sustainment Support System  
 BFT II/JCR – Blue Force Tracker II with JCR/TIGR

DCGS-A – Distributed Common Ground System - Army  
 NW EUD – Nett Warrior/– End User Device  
 AMDWS – Air Missile Defense Workstation  
 TAIS – Tactical Airspace Integration System

# POP'S AND SNE'S IN SBCT

**As of Aug 2014**  
**Fielded 3/2 SBCT**  
**Fielded 1/1 SBCT**  
**Fielded 2/2 SBCT**  
**No plan past 2/2 SBCT**

## CS-14

**WIN-T INC 2: 42ea; 11 PoP (10-CV and 1 MATV) and 62 SNE (42 Strykers and 20 MATV)**

- Provides LOS and BLOS DATA connection OTM

## CS-18+

**After CS 14 next WIN-T INC2 fielding no earlier than FY18. 2x SBCTs per FY (T)**

- SNE removed from maneuver company's to achieve "Good Enough" solution
- Provides JTRS family of radios to the formation: SINCGARS, MNVR, SRW and MUOS for LOS/BLOS connectivity to the

## Point of Presence

The POP provides SIPR data and voice services both OTM and ATH using both satellite (NCW) and terrestrial (HNW and ANW2) waveforms.

The HNW provides the opportunity to utilize high bandwidth LOS HNW connectivity, as well as the unlimited range of the NCW satellite access. The POP satellite bandwidth is twice that of the SNE.

Integrated Mission command system provides access to SVOIP, CPOF, TIGR, Chat, Ventrilo and other SIPR based services.

## Soldier Network Extension

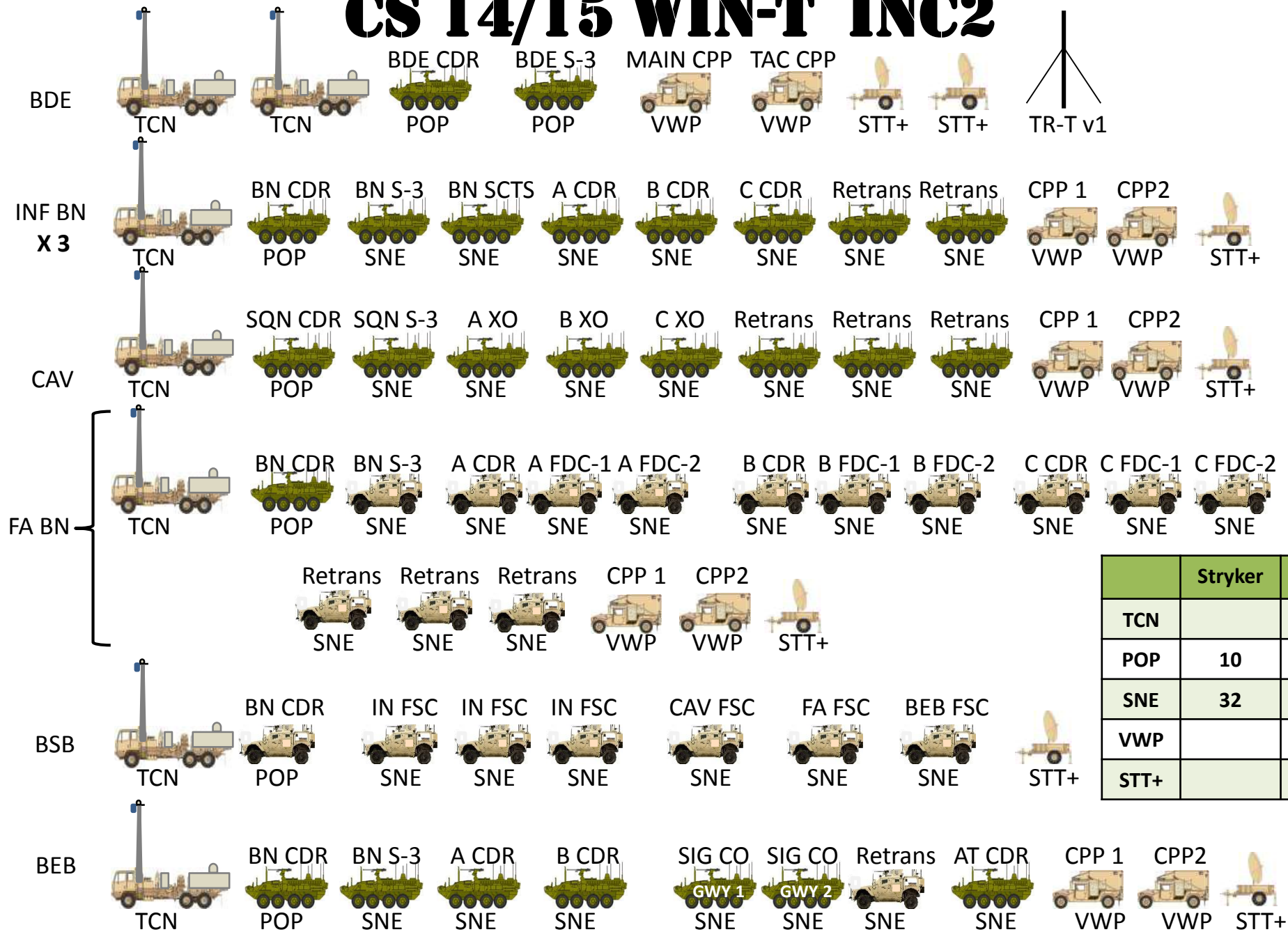
The SNE provides SIPR data and voice services both OTM and ATH using only satellite (NCW) waveforms, with half the bandwidth of the POP NCW

Integrated Mission command system provides access to SVOIP, TIGR, Chat, Ventrilo and other SIPR based services.

The SNE can bridge FM networks over its NCW link.



# CS 14/15 WIN-T INC2



	Stryker	Other	Total
TCN		9	9
POP	10	1	11
SNE	32	19	51
VWP		14	14
STT+		9	9

# **TRADOC CAPABILITY MANAGER SBCT**

## **Mission Statement**

The TCM SBCT, reporting to the Commanding General of the MCoE, serves as the *single point of contact for TRADOC activities that support Stryker Brigade Combat Teams (SBCT)*. TCM SBCT focuses on DOTMLPF integration that supports SBCT capabilities.

TCM SBCT assists with DOTMLPF integration into Stryker Brigades as they evolve through the Transformation/ARFORGEN cycle. TCM SBCT will coordinate with Stryker Brigades, the SBCT Warfighting Forum, various PMs, other TCMs within TRADOC and work through the Director of Capabilities Development and Integration, MCoE to facilitate these tasks.

# TCM SBCT ORGANIZATION

COL Urquhart  
(706 ) 575-8895  
[robert.v.urquhart.mil@mail.mil](mailto:robert.v.urquhart.mil@mail.mil)

SGM Haynes  
TCM SGM  
(706) 604-5713  
[roy.d.haynes.mil@mail.mil](mailto:roy.d.haynes.mil@mail.mil)

MAJ Clayton  
XO  
(706) 604-6375  
[richard.j.clayton4.mil@mail.mil](mailto:richard.j.clayton4.mil@mail.mil)

Mr. Rollinson (GS)  
Deputy  
(706) 570-9760  
[samuel.m.rollinson.civ@mail.mil](mailto:samuel.m.rollinson.civ@mail.mil)

Vacant  
Off Asst

SFC Bielecki  
**MGS MG**  
(706) 580-5567  
[stanley.c.bielecki.mil@mail.mil](mailto:stanley.c.bielecki.mil@mail.mil)

SFC Merritt  
**RV/Project NCO**  
(706) 604-5701  
[kenneth.j.merritt14.mil@mail.mil](mailto:kenneth.j.merritt14.mil@mail.mil)

Mr. Schurr (GS)  
Tech Advisor  
(706) 604-5704  
[george.s.schurr2.civ@mail.mil](mailto:george.s.schurr2.civ@mail.mil)

Mr. Caskey (GS)  
Tech Advisor  
(706) 604-5699  
[perry.n.caskey.civ@mail.mil](mailto:perry.n.caskey.civ@mail.mil)

Vacant  
Tech Advisor

Mr Retherford (CTR)  
**MCV/FSV/ORG/Trans**  
(706) 604-5706  
[miles.a.retherford.ctr@mail.mil](mailto:miles.a.retherford.ctr@mail.mil)

Mr Gilford (CTR)  
**MGS/TNG/Current Ops**  
(706) 604-5592  
[robert.j.gilford.ctr@mail.mil](mailto:robert.j.gilford.ctr@mail.mil)

Mr Dune (CTR)  
**C4ISR/ IT**  
(706) 604-5711  
[jeffery.b.dune.ctr@mail.mil](mailto:jeffery.b.dune.ctr@mail.mil)

Mr Graydon (CTR)  
**CV/C4ISR**  
(706) 604-5712  
[willis.s.graydon.ctr@mail.mil](mailto:willis.s.graydon.ctr@mail.mil)

Mr Yerkes (CTR)  
**Sustainment/DOC**  
(706) 604-5709  
[andrew.t.yerkes.ctr@mail.mil](mailto:andrew.t.yerkes.ctr@mail.mil)

Mr Sandoval (CTR)  
**ESV/Concepts**  
(706) 604-8260  
[steven.sandoval2.ctr@mail.mil](mailto:steven.sandoval2.ctr@mail.mil)

Mr Turner (CTR)  
**MEV/Testing**  
(706) 604-0737  
[donnie.c.turner3.ctr@mail.mil](mailto:donnie.c.turner3.ctr@mail.mil)

Mr George (CTR)  
**ATGM/TADDS/ET/KITs**  
(706) 604-4363  
[michael.f.george2.ctr@mail.mil](mailto:michael.f.george2.ctr@mail.mil)

Mr Jenks (CTR)  
**NBCRV/Future Ops/PCLLs**  
(706) 604-4360  
[brandon.t.jenks.ctr@mail.mil](mailto:brandon.t.jenks.ctr@mail.mil)

Mr Cooper (CTR)  
**MGS/Lethality/PM MAS**  
(706) 604-5707  
[jackie.r.cooper8.ctr@mail.mil](mailto:jackie.r.cooper8.ctr@mail.mil)

**Red Font Area of Focus**

Mr Taylor (GS)  
**All Variants/PM LNO**  
(706) 604-5703  
[mark.w.taylor4.civ@mail.mil](mailto:mark.w.taylor4.civ@mail.mil)

# THE STRYKER BRIGADE LEADERSHIP



1/2 ID Arrowhead Ft. Lewis, WA	2CR Dragoons Vilseck, Germany	1/25 ID Arctic Wolves Ft. Wainwright, AK	2/25 ID Warrior Schofield Barracks, HI	81 <sup>st</sup> BCT Washington Rifles Seattle, WA
COL David Foley	COL John Meyer III	COL Don Hill	COL David Womack	COL Bryan Grenon
CSM Donald Wilson	CSM Shane Pospisil	CSM David Bass	CSM Jeff Sweezer	CSM Bruce Eccelstone
DCO: LTC Jennings	DCO: MAJ Tom Fournier	DCO: LTC Mick Braun	DCO:	DCO:
XO: MAJ Ryan Bulger	XO: MAJ Frank Hooker	XO: MAJ David Simms	XO: MAJ Carol Hickey	XO:
S3: MAJ Tim Palmer	S3: MAJ Tim Peterman	S3: MAJ Jason Shick	S3: MAJ John Gabriel	S3:



56/28 ID Independence Horsham, PA	2/2 ID Lancers Ft. Lewis, WA	1/1 AD Ready First Ft. Bliss, TX	3CR Brave Rifles Ft. Hood, TX	1/4 ID Raiders Ft. Carson, CO
COL Stephen Radulski	COL Jerry Turner	COL Earl Higgins	COL Kevin Admiral	COL David Hodne
CSM Mark Deutsch	CSM Travis Risley	CSM Martin Celestine	CSM Roger Heinze	CSM Ricard Ayala Jr.
DCO: COL Scott Mathna	DCO: LTC Jeff Bramlett	DCO: LTC Jason Joose	DCO: LTC Matt McGrew	DCO:
XO: LTC Lane Marshall	XO: MAJ Chris L'Heureux	XO: MAJ Alex Lee	XO: MAJ Anthony Gore	XO: MAJ Albert Vigilante
S3: MAJ Frank Junkin	S3: MAJ Josh Powers	S3: MAJ Thomas Russell	S3: MAJ Vin Thomas	S3: MAJ Bryan Dodd

# SUMMARY OF SBCT CHANGES

## FY 15 Changes

- BN FIST/Fires Cell consolidated in FA BN for training, attached to Maneuver Unit for combat (completed)
- 6 FSC added to SBCT
- M2A1-.50 cal, M320A1-40mm pure fleet (completed)
- 3x CV for 3x CAV Troop XO
- Replace 7 x FLA with 7 x MEV

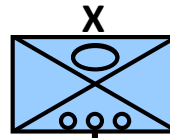
## FY 16 Changes

- 1/4 SBCT and 3CR SBCT exchange FBH for DVH
- DVH Scouts receive ICVV-S with LRAS3 kit
- K-Series TOE implemented includes:
  - Standard Scout PLT in CAV TRP and INF BN Scout PLT (6x36, MOS 19D) CAV TRP reduced to two (2) Plt
  - MGS consolidated in WPNs TRP for training, attached to Rifle CO for combat
  - Rifle CO Snipers removed, adds 3 Sniper TM at IN BN, and 2 Sniper TMs at CAV SQDN
  - BDE and BN staff reductions (-61 Pax)

## FY 17 Changes

- 81 ABCT convert to 81 SBCT, (2/25 SBCT converts to 1/25 IBCT)
- 2/2 exchange FBH for DVH (4<sup>th</sup> DVH SBCT not Identified)
- AA CO becomes WPNs TRP, converts to 19A adds 3 MGS PLTs with 4 MGS per PLT
- SBCTs scheduled to receive three additional MGSs over the next 2 years, (12 total per SBCT)

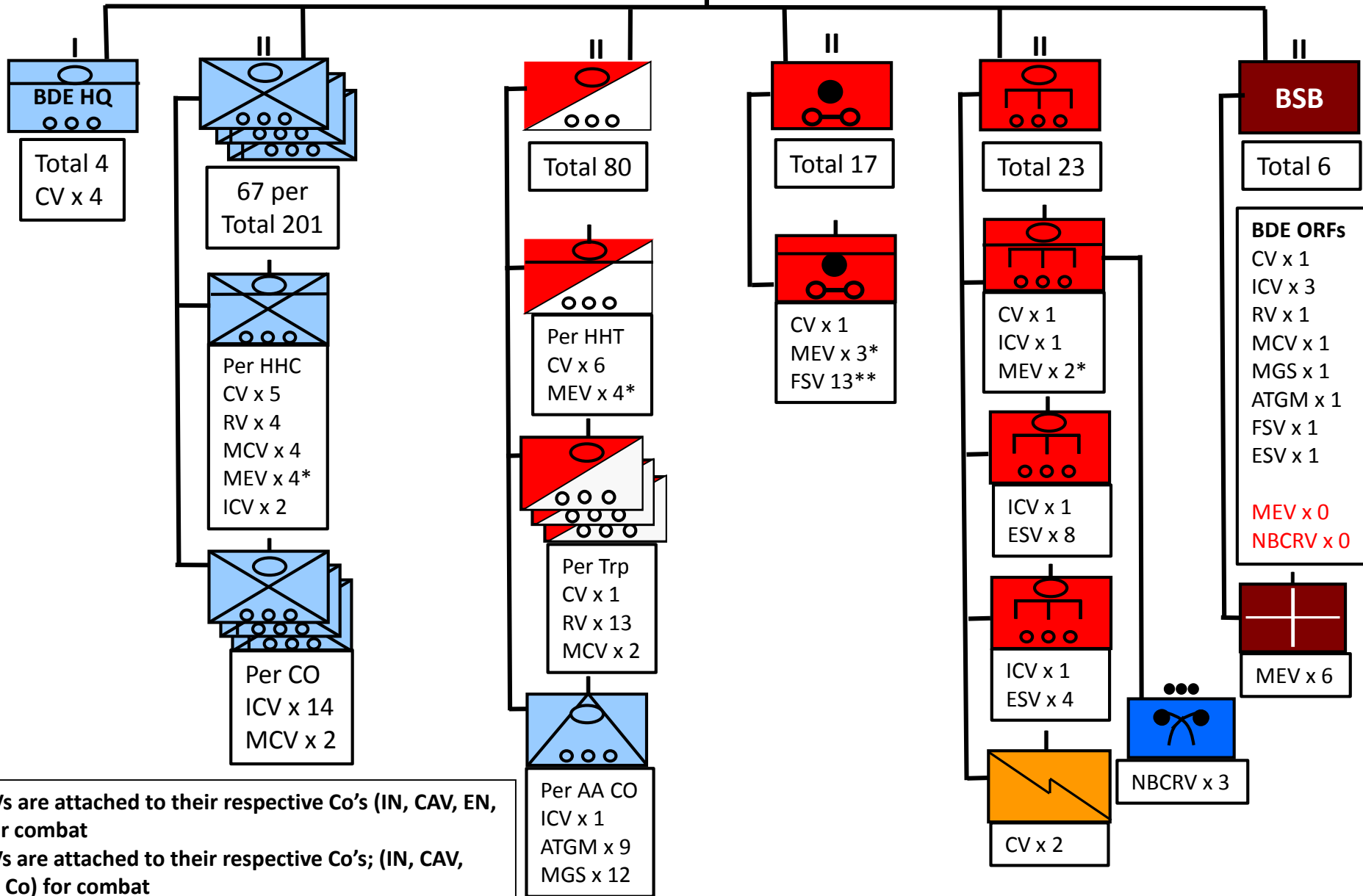
# STRYKER DISTRIBUTION 2017



MTOE = 331  
ORF = 10

SRC 47110K000

348/42/4075//4468



• MEVs are attached to their respective Co's (IN, CAV, EN, FA) for combat  
\*\*FSVs are attached to their respective Co's; (IN, CAV, Wpns Co) for combat

# NOTES
