

**9 MAY 2003**



**Maintenance**

**PACAF STANDARD CONVENTIONAL LOADS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

**NOTICE:** This publication is available digitally on the AFDPO WWW site at:  
<http://www.e-publishing.af.mil>

---

OPR: HQ PACAF/DOTW (Lt Col Youngblood)

Certified by: HQ PACAF/DOT  
(Col Frank J. Strasburger)

Supersedes PACAFI 21-202, 1 August 1997

Pages: 27  
Distribution: F

---

This instruction implements AFD 21-2, *Nonnuclear and Nuclear Munitions*. It provides the single standard naming convention for aircraft configurations to be used within PACAF. This instruction is applicable to Air National Guard, Air Force Reserve, ROKAF, JASDF, Air Combat Command (ACC), and United States Air Forces in Europe (USAFE) units when under the operational control of PACAF components during wartime. This publication applies to the Air National Guard (ANG) only upon mobilization and when published in the ANG IND 2.

**SUMMARY OF REVISIONS**

This revision removes the existing numerically designated conventional loads formerly published in PACAFI 21-202 and implements SCL naming conventions for all aircraft. This naming convention aligns with joint air operations standards developed for use in the Theater Battle Management Core System (TBMCS). SCL codes and individual unit matrices are at **Attachment 1**. Changes to this instruction are significant requiring a complete review.

1.	General. ....	3
2.	Standard Conventional Loads (SCL). ....	3
3.	SCL Naming Convention Description. ....	3
4.	Abbreviations ....	4
Table 1.	Air-to-Ground Weapons Codes. ....	4
Table 2.	Air-to-Air Weapons Codes. ....	5
Table 3.	Reconnaissance Codes. ....	6
Table 4.	Airlift Codes. ....	6

5. Example SCLs. .... 6

**Attachment 1— SCL COMPONENTS AND UNIT MATRICES 8**

**1. General.** In July of 1997, the Joint Air Operations Interoperability Working Group (AIWG) formally approved a naming convention for Standard Configuration Loads (SCL) for joint air operations. The PACAF Air Operations Center (AOC) has adopted this naming convention to standardize conventional loads throughout the theater and enhance interoperability when PACAF units deploy to other theaters.

1.1. **Air Operations Centers .** Joint/Combined Air Operations Centers (J/CAOC) in the PACAF Theater will use the naming convention in this instruction to task units in an Air/Integrated Tasking Order (A/ITO).

1.2. **Wing SCLs .** PACAF Wings will submit a Standard Conventional Load for each MDS to HQ PACAF/DOTW for approval. The SCL should be based on OPLAN tasking, Designed Operational Capability (DOC) statement, and Unit Committed Munitions List (UCML). SCLs should be reviewed yearly and updated as required. Send updates to HQ PACAF/DOTW.

**2. Standard Conventional Loads (SCL).** SCLs were originally designed to provide war planners with specific acceptable loads for various aircraft. Operators and maintainers used SCLs as a guide for training. The diversity of new weapons and missions quickly rendered the publication outdated. By using codes to represent the munitions, we allow for rapid deployment of new weapon types and designations with little or no change to this publication. This minimizes the impact on units as the new items are fielded.

**3. SCL Naming Convention Description.** The SCL codes are designed to allow users to readily identify the intended composition without reference to a source document. The structure of SCLs follows a specific pattern.

3.1. **SCL Pattern.** . The pattern is “Data element” separated by an “X” followed by another “Data Element.” This pattern repeats until the configuration is complete. Each weapon type is contained in a data element. Each data element consists of the number of weapons and the code for the specific ordnance. The code for the ordnance is the type code followed by the numeral designator for the specific ordnance. Using single characters to identify weapons type structures allows us to shorten the descriptor to a readable code, enabling users to identify SCL components without having to refer to a table. The following paragraphs describe the basis of the SCL naming convention.

3.1.1. SCLs are no more than 15 characters in length, due to current USMTF field restrictions and TBMCS system limitations. Each SCL may contain several data elements. Each data element specifies the number and type of a specific weapon within the load. A placeholder “X” separates each data element. In certain instances, for aircraft that are capable of carrying many weapon types simultaneously, SCLs will be written without the “X” placeholders. In these instances, the pattern will indicate the change in weapon type.

3.1.2. SCLs vary according to mission type. It is very important to refer to the correct table when coding and decoding SCLs to ensure accuracy of the information. For example, an “A” element identifier in an air-to-air SCL refers to an AIM 120 AMRAAM missile, where the “A” in an air-to-ground mission refers to an “AGM” or air-to-ground missile.

3.1.3. PACAF SCLs will not specify any modifiers for the weapon. Should the PAOC need to specify fuse settings or weapon modifications (such as High Drag, Low Drag, Inert, etc.), this information will be included in the remarks amplification “AMPN” line for the required mission task.

3.1.4. A single number at the end of an SCL indicates the number of external fuel tanks. Both the absence of a trailing number and the number zero indicate no external fuel tanks. The number of fuel tanks will always appear as the last character of the SCL, regardless of the length of the SCL. The only exception to this is the Airlift SCLs. These aircraft do not have external fuel tanks, so the number at the end of the SCL is part of the data element and does not indicate external fuel tanks.

3.1.5. For multi-role aircraft carrying both air-to-ground and air-to-air munitions, data elements for the air-to-ground ordnance will be listed first.

**4. Abbreviations .** Each mission type has a unique set of codes. These codes are detailed in the following paragraphs, segmented by mission type.

**NOTE: It is essential to ensure the proper mission type is identified before coding or decoding an SCL to determine the correct weapon load. The same letter may identify more than one weapon in different mission types. For example, the letter “A” means “AGM” or air-to-ground missile in ground attack missions and “AIM 120” or AAMRAM in air-to-air missions.**

#### 4.1. Air-to-Ground .

4.1.1. The first character refers to the number of the specific weapon type to be carried. The next character is the code referencing the weapon type. The next character set is the weapon descriptor.

Combining the code with the weapon type identifies the specific weapon required. An example of this is “4M82”, which means 4 Mark 82 general-purpose munitions.

4.1.2. Data elements for self-protection (air-to-air) ordnance will commence after all data elements for ground attack munitions are listed and follow the rules specified in paragraph 4.2. of this appendix. Any SCLs with a duplicate code will be detailed in the AMPN line for each mission using the SCL.

4.1.3. The SCLs described in this paragraph refer to any attack aircraft, including helicopters. Ground attack mission types, including AI, CAS, SA, etc and the alert versions of those mission types, like XCAS and GCAS, will use the SCL codes contained in the following **Table 1.**

**Table 1. Air-to-Ground Weapons Codes.**

CODE	TYPE	AIR-TO-GROUND WEAPON TYPE DESCRIPTION
A	AGM	Air to Ground Missile
B	BLU	Bomb, Live Unit
C	CBU	Cluster Bomb Unit
G	GBU	Guided Bomb Unit (P=Penetrator)
L	LAU	Rocket Launcher Unit (A-10 and helicopter only)
M	Mk	Mark, indicating General Purpose ordnance
O	TOW	Tube-launched, Optically tracked, Wire-guided missile (Helicopter only)
S	SUU	Suspension Underwing Unit (A-10 and Helicopter only)
U	UK	United Kingdom ordnance (1000 pound bomb)
W	Walleye	Walleye 1 or Walleye 2 versus Mk1 or Mk5

#### 4.2. Air-to-Air .

4.2.1. These weapon type codes are based upon the code name for the weapon. Therefore, these codes do not have the model number after the type code. Each SCL is comprised of data elements with the number and code for the weapon. As before, an “X” placeholder separates each data element and any numeral as the last character in the SCL is the number of external fuel tanks for the mission.

4.2.2. The SCLs described in this paragraph refer to any aircraft carrying air-to-air munitions, including helicopters. Air-to-air mission types include DCA and certain OCA as well as the alert versions of those missions. The following [Table 2](#) contains the SCL codes for air-to-air missions.

**Table 2. Air-to-Air Weapons Codes.**

CODE	WEAPON	AIR-TO-AIR WEAPON TITLE
A	AIM 120	Advanced Medium Range Air-to-Air Missile (AMRAAM)
D	MATRA-D	NATO RADAR-guided missile
F	Skyflash	Semi-active RADAR-guided air to air missile (British)
M	MAGIC	Missile Agile De Combat (NATO heat seeking missile)
P	AIM 54	Phoenix (US RADAR-guided missile)
S	AIM 7	Sparrow (US RADAR-guided missile)
T	FIM-92A	Air-to-Air Stinger Missile (ATAS) (Helicopter Only)
W	AIM 9	Sidewinder (US Heat-seeking missile)

#### 4.3. Reconnaissance and Electronic Combat Missions .

4.3.1. These weapon type codes are based upon the code name for the electronic combat (EC) or reconnaissance (RECCE) pod or camera requirement. Since the EC support or RECCE request and subsequent detailed mission planning determines the best type of pod or camera and setting, these codes do not have the pod’s model number after the type code. Each EC or RECCE SCL is comprised of data elements with the number of pods and the code for the type of pod or capability or the size and camera specification. As before, an “X” placeholder separates each data element and any single numeral as the last character in the SCL is the number of external fuel tanks for the mission.

4.3.2. Electronic Combat (EC) mission types include EW, EC, etc. as well as the alert versions of those missions. “REC” mission types, as well as the alert versions, will use the following [Table 3](#) of SCL codes for their missions. **These missions may also utilize weapons codes from the Air-to-Ground and Air-to-Air table to construct the SCL codes as a provision for self-defense weaponry.**

**Table 3. Reconnaissance Codes.**

CODE	POD	RECONNAISSANCE CAPABILITY DESCRIPTION
T	TARPS	Tactical Airborne Reconnaissance Pod System
R	TEREC	Tactical ELINT Reconnaissance Pod
Q	ALQ	Electronic Counter Measure (ECM) pod
B	SOB	Side-Oblique camera
I	Inches	Split Vertical Camera Setting
K	Inch	Camera Focal Length

#### 4.4. Airlift Missions .

4.4.1. The SCLs for airlift missions are used to indicate the type of configuration required for the cargo portion of the aircraft. These SCLs may be used with tanker aircraft, but refer only to the interior of the aircraft. Boom configuration is contained in a different portion of the Air Tasking Order's mission data line and therefore not considered for this item. Airlift SCLs will normally consist of a single data element. The first portion of the data element is an alphabetic code of one or two letters. The second portion is a number indicating which of the aircraft's configuration options is directed for use. Optionally, there may be an "M" placed at the end of the SCL. This indicates that the standard configuration will be modified slightly. This modification will be described in the remarks.

4.4.2. The SCLs described in this paragraph refer to any cargo carrying aircraft, including helicopters. Airlift mission types include TAL, SAL, HE, CDS, etc as well as the alert versions of those missions. The following [Table 4](#). contains the SCL codes for airlift missions.

**Table 4. Airlift Codes.**

CODE	TYPE	CARGO TYPE DEFINITION
AE	Air Evac	Aeromedical Evacuation of litter borne and ambulatory patients
C	Cargo	Only palletized cargo or rolling stock
CP	Cargo and Pax	A combined load of passengers, pallets, and rolling stock
P	Pax	Passengers only
T	Airdrop	Tactical airdrop of either pallets or personnel

**5. Example SCLs.** The following paragraphs identify samples of the various types of SCLs with the individual components explained.

##### 5.1. Air to Ground SCL : 2A65X4M84X2

2A65 = 2 each AGM 65 Maverick

4M84 = 4 each Mark 84 2,000 pound general purpose bombs

2 = 2 each External Fuel Tanks(Size appropriate for the aircraft)

##### 5.2. Air-to-Air SCL: 2AX2SX2WX2

2A = 2 each AIM 120 AMRAAM

2S = 2 each AIM 7 Sparrows

2W = 2 each AIM 9 Sidewinder

2 = 2 each External Fuel Tanks (Size appropriate for the aircraft)

5.3. **Combined Air-to-Ground and Air-to-Air** : 2A65X4M84X2WX2

2A65 = 2 each AGM 65 Maverick

4M84 = 4 each Mark 84 2000 pound general purpose bombs

2W = 2 each AIM 9 Sidewinder

2 = 2 each External Fuel Tanks (Size appropriate for the aircraft)

5.4. **Recce SCL** : 3IX16BX2QX3

3I = Three Inch Split Vertical Camera

6B = Six Inch Side looking Oblique Camera

2Q = 2 each ALQ pods (Number designator, i.e. ALQ 133, indicating capabilities determined by wing planners according to threat.)

3 = 3 each External Fuel Tanks (Size appropriate for the aircraft)

5.5. **Airlift SCL**: C1. This indicates that the aircraft is scheduled to be loaded with all “rolling stock.” Therefore, there will be no seats and no floor rollers installed.

GARRY R. TREXLER, Major General, USAF  
Director of Air and Space Operations

## Attachment 1

## SCL COMPONENTS AND UNIT MATRICES

Table A1.1. List of SCL Components.

SCL CODE	COMPONENT	USED BY AIRCRAFT TYPE
<b>Air to Air Munitions</b>		
A	<b>AIM 120</b> AMRAAM Advance Medium Range Air-to-Air Missile	F15E, F15A/B/C/D, F16C, F16CJ, FA18C/D, KF16
P	<b>AIM 54</b> Phoenix RADAR Guided Long Range Air-to-Air Missile	F14
S	<b>AIM 7</b> Sparrow Air-to-Air RADAR Guided Missile	F15E, F15A/B/C/D, FA18C/D, AV8B, F4D, F4E
W	<b>AIM-9</b> Sidewinder Air-to-Air Heat Seeking Missile	F15E, F15A/B/C/D, F16C, F16CJ, A10, OA10, FA18C/D, AV8B, KF16, F4D, F4E, F5A, F5E
<b>Air to Ground Munitions</b>		
A12	<b>AGM 12</b> BULLPUP Command Guided Missile	F4E
A45	<b>AGM 45</b> SHRIKE Passive Anti-Radiation Missile	FA18C/D
A62	<b>AGM 62</b> Walleye TV Guided Glide Bomb	FA18C/D
A65	<b>AGM 65</b> Maverick Air-to-Ground Missile	F15E, F16C, F16CJ, A10, FA18C/D, AV8B, KF16, F4D, F4E
A86	<b>AGM 86</b> CALCM Conventional Air-Launched Cruise Missile	B52
A84	<b>AGM 84</b> HARPOON 500lb Anti-Ship Missile	B52, FA18C/D, P3C
A88	<b>AGM 88</b> HARM High-speed Anti-Radiation Missile	F16C, F16CJ, FA18C/D, KF16
A130	<b>AGM 130</b> TACIT RAINBOW Adverse Weather TV/IR/INS/GPS Guided Missile	F15E
A142	<b>AGM 142</b> HAVE NAP 800lb/3000lb INS/Optical/IR Guided Stand-off Missile	B52
A154	<b>AGM 154</b> JSOW	F16, B1, F15E, B52, F/A18
B1	<b>BLU 1</b> 750lb Fire Bomb	F4D, F4E
B45	<b>BDU 45</b> 500lb Practice Bomb	P3C
B50	<b>BDU 50</b> 500lb Practice Bomb	P3C, B52
B52	<b>BLU 52</b> 750lb Riot Control Chemical Bomb	F4D, F4E
B109	<b>BLU 109</b> 2000lb Penetrator	F16, B1, F15E, B52, F/A18, B2
B110	<b>BLU 110</b> 1000lb Penetrator	S3A
B111	<b>BLU 111</b> 500lb Penetrator	P3C, S3A

<b>SCL CODE</b>	<b>COMPONENT</b>	<b>USED BY AIRCRAFT TYPE</b>
C24	<b>CBU 24</b> 800lb Anti-Personnel, Anti-Material Cluster Munition	AV8B
C49	<b>CBU 49</b> Anti-Personnel, Anti-Material Cluster Munition	F4D
C52	<b>CBU 52</b> Series Anti-Personnel, Anti-Material Cluster Munition	F15E, F16C, F16CJ, B1, F4D, F4E
C58	<b>CBU 58</b> Series Anti-Personnel/Material Cluster Munition	F15E, F16C, F16CJ, B1, KF16, F4D, F4E, F5E, A37
C59	<b>CBU 59</b> APAM 750lb Anti-Personnel, Anti-Material Cluster Munition	FA18C/D, S3A
C71	<b>CBU 71</b> Series Anti-Personnel/Material Cluster Munition	F15E, F16C, F16CJ, B1, F4D, F4E
C72	<b>CBU 72</b> 550lb 3 Canister Fuel Air Explosive	FA18C/D
C78	<b>CBU 78</b> 500lb GATOR Anti-personnel, Anti-vehicle Land Mine Dispenser	FA18C/D
C87	<b>CBU 87</b> 1000lb Combined Effects Munition Cluster Munition	F15E, F16C, F16CJ, A10, B1, KF16, F4D, F4E, F117, B2, B52
C89	<b>CBU 89</b> GATOR Mine System Cluster Munition	F15E, F16C, F16CJ, A10, B1, F4E, B2, B52, F117
C97	<b>CBU 97</b> Sensor Fused Weapon Cluster Munition	F16C, F16CJ, F15, A10, B1, B2, B52
C03	<b>CBU 103 WCMD</b>	B1B, B52, F15E, F16, F117
C04	<b>CBU 104 WCMD</b>	B1B, B52, F15E, F16, F117
C05	<b>CBU 105 WCMD</b>	B1B, B52, F15E, F16, F117
G10	<b>GBU 10</b> Paveway 2000lb Laser Guided Munition	F15E, F16C, B1, F117, FA18C/D, KF16, B52, F4E
G12	<b>GBU 12</b> Paveway 500lb Laser Guided Munition	F15E, F16C, A10, B1, F117, FA18C/D, AV8B, KF16, F4D, F4E, B52
G15	<b>GBU 15</b> 2000lb TV/IR Guided Frag or Penetrator	F15E
G16	<b>GBU 16</b> Paveway II 1000lb Laser Guided Munition	FA18C/D, AV8B
G24	<b>GBU 24</b> 2000lb Laser Guided Frag or Penetrator	F15E, F16C, FA18C/D, F4E
G27	<b>GBU 27</b> 2000lb Laser Guided Penetrator	F117
G28	<b>GBU 28</b> 5000lb Laser Guided Penetrator	F15E, B52
G31	<b>GBU 31</b> JDAM 2000lb Guided Munition	B2, B1, B52, F15E, F16
G32	<b>GBU 32</b> JDAM 1000lb Guided Munition	B2, B52
G36	<b>GBU 36</b> 2000lb GPS Aided Munition (GAM)	B2
G37	<b>GBU 37</b> 4500lb GPS Aided Penetrator	B2

<b>SCL CODE</b>	<b>COMPONENT</b>	<b>USED BY AIRCRAFT TYPE</b>
L3	<b>LAU 3</b> 2.73" Rocket Launcher	F4D, F4E, F5A, F5E, A37
L10	<b>LAU 10</b> 5" Rocket Launcher	FA18C/D, P3C, AV8B
L61	<b>LAU 61</b> 2.75" Rocket Launcher	P3C
L68	<b>LAU 68</b> 2.75" Rocket Launcher	FA18C/D, P3C, AV8B, F4D, F4E
L131	<b>LAU 131</b> 2.75" Rocket Launcher	F16C, A10, OA10
M20	<b>Mark 20</b> Rockeye Anti-Tank Cluster Munition	F15E, F16C, F16CJ, A10, B1, FA18C/D, P3C, S3A, AV8B, F4D, F4E, SH3H/G
M25	<b>Mark 25</b> 2000lb Magnetic Fuse Mine	P3C
M36	<b>Mark 36</b> 500lb Magnetic Fuse Destructor Mine	P3C
M40	<b>Mark 40</b> 1000lb Magnetic Fuse Destructor Mine	P3C, S3A
M41	<b>Mark 41</b> 2000lb Magnetic Fuse Destructor Mine	P3C, S3A
M50	<b>Mark 50</b> 1000lb Exercise/Training Mine	P3C, SH60B/F
M52	<b>Mark 52</b> 1000lb Mine	P3C, S3A
M55	<b>Mark 55</b> 2000lb Mine	P3C, S3A
M56	<b>Mark 56</b> 2000lb Magnetic Fuse Anti-sub Mine	P3C, S3A, B52
M60	<b>Mark 60</b> CAPTOR Deep Water Mine	B1, B52, P3C, S3A
M62	<b>Mark 62</b> 500lb Quick Strike Mine	B1, B-52, P3C, S3A
M63	<b>Mark 63</b> 1000lb Quick Strike Mine	B1, B-52, P3C, S3A, B52
M64	<b>Mark 64</b> 2000lb Quick Strike Mine	B1, B52
M65	<b>Mark 65</b> 2000lb Quick Strike Mine	B1, B-52, S3A
M77	<b>Mark 77</b> 750 lb NAPALM Fire Bomb	FA18C/D, AV8B
M82	<b>Mark 82</b> 500lb General Purpose Bomb	F15E, F16C, F16CJ, A10, B1, FA18C/D, S3A, AV8B, KF16, F4D, F4E, F5A, F5E, A37, B52
M83	<b>Mark 83</b> 1000lb General Purpose Bomb	FA18C/D, S3A, AV8B, F4D, F4E
M84	<b>Mark 84</b> 2000lb General Purpose Bomb	F15E, F16C, F16CJ, A10, B1, FA18C/D, S3A, KF16, F4D, F4E, B52, F117, B52
M117	<b>Mark 117</b> 750lb General Purpose Bomb	B52
M129	<b>Mark 129</b> 200lb Leaflet Bomb	F4D, F4E, B52
MC1	<b>MC 1</b> 750lb Chemical Delivery Munitions	F16C, F4D, F4E
S23	<b>SUU 23</b>	F4D
S25	<b>SUU 25</b> Illumination or Target Flare Dispenser	OA10, P3C, F4D, F4E, F5A, F5E, A37
S30	<b>SUU 30</b> Series Target Flare Dispenser	A10

<b>SCL CODE</b>	<b>COMPONENT</b>	<b>USED BY AIRCRAFT TYPE</b>
T46	<b>Mark 46</b> Torpedo	P3C, SH3H/G, SH60B/F
<b>Airlift</b>		
C	<b>Cargo</b> Only - Code indicates type of cargo	C5, C17, C130, C141, C1
CP	<b>Cargo/Passenger</b> Combination	C5, C17, C130, C141, C1
P	<b>Passenger</b> Only - Seats dictated by code number	C5, C17, C130, C141, C1
T	<b>Tactical</b> - Code indicates type of airdrop	C5, C17, C130, C141, C1
<b>EW</b>		
Q	<b>ALQ Pod</b> EW Jammer	EA6B, F4D, F4E, RF4C
<b>External Fuel Tanks</b>		
	External Tank 50	F5A
	External Tank 110	SH3G/H, SH60B/F
	External Tank 150	F5A, F5E
	External Tank	A37
	External Tank 275	F5E
	External Tank 300	F16C, F16CJ, KF16
	External Tank 320 (2000#)	EA6B
	External Tank 370	F16C, F16CJ, KF16, F4D, F4E, RF4C
	External Tank 480	FA18C/D
	External Tank 600	F4D, F4E, RF4C
	External Tank 610	F15E, F15A/B/C/D
<b>Reconnaissance</b>		
B	<b>Side Oblique Camera</b> (Specified in Inches)	RF4C
I	<b>Split Vertical Camera</b> (Specified in Inches)	RF4C
K	<b>Camera</b> (Specified in Inches)	RF4C
R	<b>TERREC Pod</b>	RF4C
T	<b>TARPS</b> (Tactical Air Recce Pod System)	F14

Figure A1.1. 3 WG F-15E SCLs.

SCL	Clear Text	Remarks
4AX4WX2	4Aim120, 4Aim9	2 Wing Tanks
4AX4WX1	4Aim120, 4Aim9	Center Tank
4AX4W	4Aim120, 4Aim9	
4AX2WX2	4Aim120, 2Aim9	2 Wing Tanks
4AX2WX1	4Aim120, 2Aim9	Center Tank
4AX2W	4Aim120, 2Aim9	
4AX2SX2W2	4Aim120, 2Aim7, 2Aim9	2 Wing Tanks
4AX2SX2W1	4Aim120, 2Aim7, 2Aim9	Center Tank
4AX2SX2W	4Aim120, 2Aim7, 2Aim9	
6AX2W2	6AIM120, 2AIM9	2 Wing Tanks
6AX2W1	6AIM120, 2AIM9	Center Tank
6AX2W	6AIM120, 2AIM9	
2G24X3AX1W2	2GBU24, 3Aim120, 1Aim9	2 Wing Tanks
2G24X3AX1W1	2GBU24, 3Aim120, 1Aim9	Center Tank
2G24X3AX1W	2GBU24, 3Aim120, 1Aim9	
3G24X3AX1W2	3GBU24, 3Aim120, 1Aim9	2 Wing Tanks
3G24X3AX1W	3GBU24, 3Aim120, 1Aim9	
2G27X3AX1W2	2GBU27, 3Aim120, 1Aim9	2 Wing Tanks
2G27X3AX1W1	2GBU27, 3Aim120, 1Aim9	Center Tank
2G27X3AX1W	2GBU27, 3Aim120, 1Aim9	
1G28X3AX1W2	1GBU28, 3Aim120, 1Aim9	2 Wing Tanks
1G28X3AX1W	1GBU28, 3Aim120, 1Aim9	
1G28X4AX2W2	1GBU28, 4Aim120, 2Aim9	2 Wing Tanks
1G28X4AX2W	1GBU28, 4Aim120, 2Aim9	
12M82X3AX1W2	12Mk82, 3Aim120, 1Aim9	2 Wing Tanks
12M82X3AX1W1	12Mk82, 3Aim120, 1Aim9	Center Tank
12M82X3AX1W	12Mk82, 3Aim120, 1Aim9	
4M84X3AX1W2	4Mk84, 3Aim120, 1Aim9	2 Wing Tanks
4M84X3AX1W1	4Mk84, 3Aim120, 1Aim9	Center Tank
4M84X3AX1W	4Mk84, 3Aim120, 1Aim9	
3M84X3AX1W1	3Mk84, 3Aim120, 1Aim9	2 Wing Tanks
3M84X3AX1W1	3Mk84, 3Aim120, 1Aim9	Center Tank
3M84X3AX1W	3Mk84, 3Aim120, 1Aim9	

SCL	Clear Text	Remarks
5M84X3AX1W2	5Mk84, 3Aim120, 1Aim9	2 Wing Tanks
5M84X3AX1W1	5Mk84, 3Aim120, 1Aim9	Center Tank
5M84X3AX1W	5Mk84, 3Aim120, 1Aim9	
6C87X3AX1W2	6CBU87, 3Aim120, 1Aim9	2 Wing Tanks
6C87X3AX1W1	6CBU87, 3Aim120, 1Aim9	Center Tank
6C87X3AX1W	6CBU87, 3Aim120, 1Aim9	
12C87X3AX1W	12CBU87, 3Aim120, 1Aim9	
6C89X3AX1W2	6CBU89, 3Aim120, 1Aim9	2 Wing Tanks
6C89X3AX1W1	6CBU89, 3Aim120, 1Aim9	Center Tank
6C89X3AX1W	6CBU89, 3Aim120, 1Aim9	
12C89X3AX1W	12CBU89, 3Aim120, 1Aim9	
6C97X3AX1W2	6CBU97, 3Aim120, 1Aim9	2 Wing Tanks
6C97X3AX1W1	6CBU97, 3Aim120, 1Aim9	Center Tank
6C97X3AX1W	6CBU97, 3Aim120, 1Aim9	
12C97X3AX1W	12CBU97, 3Aim120, 1Aim9	
2G10X3AX1W2	2GBU10, 3Aim120, 1Aim9	2 Wing Tanks
2G10X3AX1W	2GBU10, 3Aim120, 1Aim9	
3G10X3AX1W2	3GBU10, 3Aim120, 1Aim9	2 Wing Tanks
3G10X3AX1W	3GBU10, 3Aim120, 1Aim9	
8G12X3AX1W2	8GBU12, 3Aim120, 1Aim9	2 Wing Tanks
8G12X3AX1W	8GBU12, 3Aim120, 1Aim9	
4G12X3AX1W2	4GBU12, 3Aim120, 1Aim9	2 Wing Tanks
4G12X3AX1W	4GBU12, 3Aim120, 1Aim9	
1A130X2SX2W1	1AGM130, 2Aim7, 2Aim9	opposite wing tank
1A130X2AX2W1	1AGM130, 2Aim120, 2Aim9	opposite wing tank
1A130X4AX2W1	1AGM130, 4Aim120, 2Aim9	opposite wing tank
1A1304G12X3A1W1	1AGM130, 4GBU12, 3Aim120, 1Aim9	opposite wing tank
2A130X2SX2W	2AGM130, 2Aim7, 2Aim9	
2A130X2AX2W	2AGM130, 2Aim120, 2Aim9	
2A130X4AX2W	2AGM130, 4Aim120, 2Aim9	
2A130X4AX4W	2AGM130, 4Aim120, 4Aim9	
1G15X2SX2W1	1GBU15, 2Aim7, 2Aim9	opposite wing tank
1G15X2AX2W1	1GBU15, 2Aim120, 2Aim9	opposite wing tank
1G15X4AX2W1	1GBU15, 4Aim120, 2Aim9	opposite wing tank
1G15X4G12X3A2W1	1GBU15, 4GBU12, 3Aim120, 1Aim9	opposite wing tank

SCL	Clear Text	Remarks
2G15X2SX2W	2GBU15, 2Aim7, 2Aim9	
2G15X2AX2W	2GBU15, 2Aim120, 2Aim9	
2G15X4AX2W	2GBU15, 4Aim120, 2Aim9	
1A1304G12X3A1W1	1AGM130, 4GBU12, 3Aim120, 1Aim9	opposite wing tank
1G15X2SX2W1	1GBU15, 2Aim7, 2Aim9	opposite wing tank
1G15X2AX2W1	1GBU15, 2Aim120, 2Aim9	opposite wing tank
1G15X4AX2W1	1GBU15, 4Aim120, 2Aim9	opposite wing tank
1G15X4G12X3A2W1	1GBU15, 4GBU12, 3Aim120, 1Aim9	opposite wing tank
2G15X2SX2W	2GBU15, 2Aim7, 2Aim9	
2G15X2AX2W	2GBU15, 2Aim120, 2Aim9	
2G15X4AX2W	2GBU15, 4Aim120, 2Aim9	
2G15X4AX4W	2GBU15, 4Aim120, 4Aim9	
2G12X6M82X3A1W2	2GBU12, 6Mk82, 3Aim120, 1Aim9	2 Wing Tanks
2G12X6M82X3A1W1	2GBU12, 6Mk82, 3Aim120, 1Aim9	Center Tank
2G12X6M82X3AX1W	2GBU12, 6Mk82, 3Aim120, 1Aim9	
4G12X6M82X3A1W2	4GBU12, 6Mk82, 3Aim120, 1Aim9	2 Wing Tanks
4G12X6M82X3A1W1	4GBU12, 6Mk82, 3Aim120, 1Aim9	Center Tank
4G12X6M82X3AX1W	4GBU12, 6Mk82, 3Aim120, 1Aim9	
2G12X3C87X3A1W2	2GBU12, 3CBU87, 3Aim120, 1Aim9	2 Wing Tanks
2G12X3C87X3A1W1	2GBU12, 3CBU87, 3Aim120, 1Aim9	Center Tank
2G12X3C87X3A1W	2GBU12, 3CBU87, 3Aim120, 1Aim9	
4G12X3C87X3A1W2	4GBU12, 3CBU87, 3Aim120, 1Aim9	2 Wing Tanks
4G12X3C87X3A1W1	4GBU12, 3CBU87, 3Aim120, 1Aim9	Center Tank
4G12X3C87X3AX1W	4GBU12, 3CBU87, 3Aim120, 1Aim9	
2G12X6C87X3AX1W	2GBU12, 6CBU87, 3Aim120, 1Aim9	
2G12X6C87X3A1W1	2GBU12, 6CBU87, 3Aim120, 1Aim9	Center Tank
4G12X6C87X3AX1W	4GBU12, 6CBU87, 3Aim120, 1Aim9	
4G12X6C87X3AX1W	4GBU12, 6CBU87, 3Aim120, 1Aim9	Center Tank
1G10X2M84X3A1W2	1GBU10, 2MK84, 3Aim120, 1Aim9	2 Wing Tanks
1G10X2M84X3A1W1	1GBU10, 2MK84, 3Aim120, 1Aim9	Center Tank
1G10X2M84X3AX1W	1GBU10, 2MK84, 3Aim120, 1Aim9	
2G10X2M84X3A1W2	2GBU10, 2MK84, 3Aim120, 1Aim9	2 Wing Tanks
2G10X2M84X3AX1W	2GBU10, 2MK84, 3Aim120, 1Aim9	
1G24X2M84X3A1W2	1GBU24, 2MK84, 3Aim120, 1Aim9	2 Wing Tanks
1G24X2M84X3A1W1	1GBU24, 2MK84, 3Aim120, 1Aim9	Center Tank

SCL	Clear Text	Remarks
1G24X2M84X3AX1W	1GBU24, 2MK84, 3Aim120, 1Aim9	
2G24X2M84X3A1W2	2GBU24, 2MK84, 3Aim120, 1Aim9	2 Wing Tanks
2G24X2M84X3AX1W	2GBU24, 2MK84, 3Aim120, 1Aim9	
1G24X2G10X3A1W2	1GBU24, 2GBU10, 3Aim120, 1Aim9	2 Wing Tanks
1G24X2G10X3A1W1	1GBU24, 2GBU10, 3Aim120, 1Aim9	Center Tank
1G24X2G10X3AX1W	1GBU24, 2GBU10, 3Aim120, 1Aim9	
2G24X1G10X3A1W2	2GBU24, 1GBU10, 3Aim120, 1Aim9	2 Wing Tanks
2G24X1G10X3AX1W	2GBU24, 1GBU10, 3Aim120, 1Aim9	
9G12X3AX1W2	9GBU12, 3Aim120, 1Aim9	2 Wing Tanks
1G10X4G12X3A1W2	1GBU10, 4GBU12, 3Aim120, 1Aim9	2 Wing Tanks
1G10X4G12X3A1W2	1GBU10, 4GBU12, 3Aim120, 1Aim9	Center Tank
1G10X4G12X3A1W2	1GBU10, 4GBU12, 3Aim120, 1Aim9	
1G24X4G12X3A1W2	1GBU24, 4GBU12, 3Aim120, 1Aim9	2 Wing Tanks
1G24X4G12X3A1W2	1GBU24, 4GBU12, 3Aim120, 1Aim9	Center Tank
1G24X4G12X3A1W2	1GBU24, 4GBU12, 3Aim120, 1Aim9	
1G10X6M82X3A1W2	1GBU10, 6MK82, 3Aim120, 1Aim9	2 Wing Tanks
1G10X6M82X3A1W1	1GBU10, 6MK82, 3Aim120, 1Aim9	Center Tank
1G10X6M82X3AX1W	1GBU10, 6MK82, 3Aim120, 1Aim9	
1G24X6M82X3A1W2	1GBU24, 6MK82, 3Aim120, 1Aim9	2 Wing Tanks
1G24X6M82X3A1W2	1GBU24, 6MK82, 3Aim120, 1Aim9	Center Tank
1G24X6M82X3A1W2	1GBU24, 6MK82, 3Aim120, 1Aim9	
1G10X3C87X3A1W2	1GBU10, 3CBU87, 3Aim120, 1Aim9	2 Wing Tanks
1G10X3C87X3A1W1	1GBU10, 3CBU87, 3Aim120, 1Aim9	Center Tank
1G10X3C87X3AX1W	1GBU10, 3CBU87, 3Aim120, 1Aim9	
1G10X6C87X3AX1W	1GBU10, 6CBU87, 3Aim120, 1Aim9	
1G10X6C87X3A1W1	1GBU10, 6CBU87, 3Aim120, 1Aim9	Center Tank
1G24X3C87X3A1W2	1GBU24, 3CBU87, 3Aim120, 1Aim9	2 Wing Tanks
1G24X3C87X3A1W1	1GBU24, 3CBU87, 3Aim120, 1Aim9	Center Tank
1G24X3C87X3AX1W	1GBU24, 3CBU87, 3Aim120, 1Aim9	
1G24X6C87X3AX1W	1GBU24, 6CBU87, 3Aim120, 1Aim9	
1G24X6C87X3A1W1	1GBU24, 6CBU87, 3Aim120, 1Aim9	Center Tank
6C87X6M82X3AX1W	6CBU87, 6MK82, 3Aim120, 1Aim9	
3C87X6M82X3A1W2	3CBU87, 6MK82, 3Aim120, 1Aim9	2 Wing Tanks
3C87X6M82X3A1W1	3CBU87, 6MK82, 3Aim120, 1Aim9	Center Tank
6C87X2M84X3A1W	6CBU87, 2MK84, 3Aim120, 1Aim9	

SCL	Clear Text	Remarks
3C87X2M84X3A1W2	3CBU87, 2MK84, 3Aim120, 1Aim9	2 Wing Tanks
3C87X2M84X3A1W1	3CBU87, 2MK84, 3Aim120, 1Aim9	Center Tank

Figure A1.2. 3 WG F-15C SCLs.

SCL	Clear Text	Remarks
2W	2 Aim 9	
2Wx1	2 Aim 9	1 tank
2Wx2	2 Aim 9	2 tanks
2Wx3	2 Aim 9	3 tanks
4W	4 Aim 9	
4Wx1	4 Aim 9	1 tank
4Wx2	4 Aim 9	2 tanks
4Wx3	4 Aim 9	3 tanks
2Sx2W	2 Aim 7, 2 Aim 9	
2Sx2Wx1	2 Aim 7, 2 Aim 9	1 tank
2Sx2Wx2	2 Aim 7, 2 Aim 9	2 tanks
2Sx2Wx3	2 Aim 7, 2 Aim 9	3 tanks
2Ax2W	2 Aim 120, 2 Aim 9	
2Ax2Wx1	2 Aim 120, 2 Aim 9	1 tank
2Ax2Wx2	2 Aim 120, 2 Aim 9	2 tanks
2Ax2Wx3	2 Aim 120, 2 Aim 9	3 tanks
4Sx4W	4 Aim 7, 4 Aim 9	
4Sx4Wx1	4 Aim 7, 4 Aim 9	1 tank
4Sx4Wx2	4 Aim 7, 4 Aim 9	2 tanks
4Sx4Wx3	4 Aim 7, 4 Aim 9	3 tanks
6Ax2S	6 Aim 120, 2 Aim 9	
6Ax2Sx1	6 Aim 120, 2 Aim 9	1 tank
6Ax2Sx2	6 Aim 120, 2 Aim 9	2 tanks
6Ax2Sx3	6 Aim 120, 2 Aim 9	3 tanks
4Ax2Sx2W	4 Aim 120, 2 Aim 7, 2 Aim 9	
4Ax2Sx2Wx1	4 Aim 120, 2 Aim 7, 2 Aim 9	1 tank
4Ax2Sx2Wx2	4 Aim 120, 2 Aim 7, 2 Aim 9	2 tanks
4Ax2Sx2Wx3	4 Aim 120, 2 Aim 7, 2 Aim 9	3 tanks
2Ax2Sx4W	2 Aim 120, 2 Aim 7, 4 Aim 9	

SCL	Clear Text	Remarks
2Ax2Sx4Wx1	2 Aim 120, 2 Aim 7, 4 Aim 9	1 tank
2Ax2Sx4Wx2	2 Aim 120, 2 Aim 7, 4 Aim 9	2 tanks
2Ax2Sx4Wx3	2 Aim 120, 2 Aim 7, 4 Aim 9	3 tanks
2Ax4Sx2W	2 Aim 120, 4 Aim 7, 2 Aim 9	
2Ax4Sx2Wx1	2 Aim 120, 4 Aim 7, 2 Aim 9	1 tank
2Ax4Sx2Wx2	2 Aim 120, 4 Aim 7, 2 Aim 9	2 tanks
2Ax4Sx2Wx3	2 Aim 120, 4 Aim 7, 2 Aim 9	3 tanks
4Ax4W	4 Aim 120, 4 Aim 9	
4Ax4Wx1	4 Aim 120, 4 Aim 9	1 tank
4Ax4Wx2	4 Aim 120, 4 Aim 9	2 tanks
4Ax4Wx3	4 Aim 120, 4 Aim 9	3 tanks
4Ax4W	4 Aim 120, 4 Aim 7	
4Ax4Wx1	4 Aim 120, 4 Aim 7	1 tank
4Ax4Wx2	4 Aim 120, 4 Aim 7	2 tanks
4Ax4Wx3	4 Aim 120, 4 Aim 7	3 tanks

Figure A1.3. 18 WG F-15C SCLs.

SCL	Clear Text	Remarks
6AX2WX3	6Aim120,2Aim9,3Tanks	
6AX2WX2	6Aim120,2Aim9,2Tanks	
6AX2WX1	6Aim120,2Aim9,1Tank	
6AX2WX0	6Aim120,2Aim9,0Tanks	
4AX2SX2WX3	4Aim120,2Aim7,2Aim9,3Tanks	
4AX2SX2WX2	4Aim120,2Aim7,2Aim9,2Tanks	
4AX2SX2WX1	4Aim120,2Aim7,2Aim9,1Tank	
4AX2SX2WX0	4Aim120,2Aim7,2Aim9,0Tanks	
4SX4WX3	4Aim7,4Aim9,3Tanks	
4SX4WX2	4Aim7,4Aim9,2Tanks	
4SX4WX1	4Aim7,4Aim9,1Tank	
4SX4WX0	4Aim7,4Aim9,0Tanks	
7AX1WX3	7Aim120,1Aim9,3Tanks	
7AX1WX2	7Aim120,1Aim9,2Tanks	
7AX1WX1	7Aim120,1Aim9,1Tank	

SCL	Clear Text	Remarks
7AX1WX0	7Aim120,1Aim9,0Tanks	

**Figure A1.4. 51 OG SCL Matrix (F-16).**

SCL	Clear Text	Remarks
2G10PX2AX2WX2	2 GBU10P, 2 Aim 120, 2 Aim9, 2 Tanks	BLU-109
2G10X2AX2WX2	2 GBU10, 2 Aim 120, 2 Aim9, 2 Tanks	MK-84
4G12X2AX2WX2	4 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G12X2AX2WX2	2 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G24X2AX2WX2	2 GBU24AB, 2 Aim 120, 2 Aim9, 2 Tanks	MK-84
2G31PX2AX2WX2	2 JDAM P, 2 Aim120, 2 Aim 9, 2 Tanks	BLU-109
2G31X2AX2WX2	2 JDAM, 2 Aim120, 2 Aim 9, 2 Tanks	MK-84
2B109X2A2XWX2	2 BLU 109, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M84X2AX2WX2	2 Mk 84, 2 Aim 120, 2 Aim 9, 2 Tanks	
6M82X2AX2WX2	6 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M82X2AX2WX2	2 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C87X2AX2WX2	4 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C87X2AX2WX2	2 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C89X2AX2WX2	4 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C89X2AX2WX2	2 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
2A65X2AX2WX2	2 AGM 65, 2 Aim 120, 2 Aim 9, 2 Tanks	AGM 65 D,G,H,K
2C103X2AX2WX2	2 CBU 103, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C105X2AX2WX2	2 CBU 105, 2 Aim 120, 2 Aim 9, 2 Tanks	
4AX2WX2	4 Aim 120, 2Aim 9, 2 Tanks	
2AX2WX2	2 Aim 120, 2Aim 9, 2 Tanks	
4AX2WX0	4 Aim 120, 2Aim 9, 0 Tanks	
2AX2WX0	2 Aim 120, 2Aim 9, 0 Tanks	

**NOTES:**

1. Configurations should include an ECM pod to the maximum extent possible. Units will decide if the ECM pod is critical to mission accomplishment.
2. The 20mm gun will be loaded with 510 rounds. The type and quantity of the round is at unit discretion based on availability.
3. When carrying LGBs, configuration should be configured with a LANTIRN targeting pod.

4. Typical ECM expendable load is 60 chaff / 30 flares. The type and quantity of the expendable is at unit discretion based on availability and mission requirements.
5. Air to Air munitions may vary in quantity and type based on availability or mission requirements.

**Figure A1.5. 51 FW A-10 SCLs.**

SCL	Clear Text	Remarks
2A65X4L131	2 AGM-65, 4 LAU-131	
4L131	4 LAU-131	
2A65X3L131X1S25	2 AGM-65, 3 LAU-131, 1 SUU-25	
3L131X1S25	3 LAU-131, 1 SUU-25	
2A65X4C87	2 AGM-65, 4 CBU-87	
2A65X4C89	2 AGM-65, 4 CBU-89	
2A65X6MK82	2 AGM-65, 6 MK82	
2A65X2MK84	2 AGM-65, 2 MK84	
2A65X4C87X2L131	2 AGM-65, 4 CBU-87, 2 LAU-131	
2A65X4C89X2L131	2 AGM-65, 4 CBU-89, 2 LAU-131	
2A65X6M82X2L131	2 AGM-65, 6 MK82, 2 LAU-131	
2A65X2M84X2L131	2 AGM-65, 2 MK84, 2 LAU-131	
4A65	4 AGM-65	
4A65X2L131	4 AGM-65, 2 LAU-131	
4A65X4L131	4 AGM-65, 4 LAU-131	
2A65X6G12D	2 AGM-65, 6 GBU-12D/B	
2A656G12D2L131	2 AGM-65, 6 GBU-12D/B, 2 LAU-131	
2A65X2G10E	2 AGM-65, 2 GBU-12E/B	
2A652G10E2L131	2 AGM-65, 2 GBU-12E/BX2LAU131	
2A65X2C87X4L131	2 AGM-65, 2 CBU-87, 4 LAU-131	
2A65X2C89X4L131	2 AGM-65, 2 CBU-89, 4 LAU-131	

**NOTES:**

1. Standard equipment for every A-10 is ECM pod, 2 x AIM-9, and Pave Penny. Changes to this will be annotated in the remarks
2. The 30mm ammunition standard is Combat Mix. HEI ammunition loads are annotated in the remarks.
3. Expendable ECM load will be set in the local load plan.
4. Specific 2.75" rocket, AGM-65, and other munitions type will be annotated in the remarks.

Figure A1.6. 35 FW F-16 SCLs.

Old SCL	SCL	Clear Text	Remarks
501	2A88CX3AX1WX2	2 AGM88C, 3 AIM-120, 1 AIM-9, 2 Tanks	
502	2A88BX3AX1WX2	2 AGM88B, 3 AIM-120, 1 AIM-9, 2 Tanks	
503	2A88CBX3AX1WX2	1 AGM88C, 1 AGM88B, 3 AIM120, 1 AIM9, 2 Tanks	
504	1A881A653A1W2	1 AGM88C, 1 AGM65G, 3 AIM120, 1 AIM9, 2 Tanks	
549	1A881A653A1W2	1 AGM-88, 1 AGM-65, 3 AIM-120, 1 AIM-9, 2 Tanks	
505	4A88CX3AX1W	4 AGM88C, 3 AIM-120, 1 AIM-9	
506	2AX2WX2	2 AIM-120, 2 AIM-9, 2 Tanks	
507	2AX2WX1	2 AIM-120, 2 AIM-9, 1 Tank	
508	6AX2	6 AIM-120, 2 Tanks	
509	6AX1	6 AIM-120, 1 Tank	
510	4AX2WX2	4 AIM-120, 2 AIM-9, 2 Tanks	
511	4AX2WX1	4 AIM-120, 2 Aim-9, 1 Tank	
512	4AX2	4 AIM-120, 2 Tanks	
513	4AX1	4 AIM-120, 1 Tank	
514	4WX2	4 AIM-9, 2 Tanks	
515	2A65DX3AX1WX2	2 AGM-65D, 3 AIM-120, 1 AIM-9, 2 Tanks	
516	2A65GX3AX1WX2	2 AGM-65G, 3 AIM-120, 1 AIM-9, 2 Tanks	
517	4C97X3AX1WX2	4 CBU-97, 3 AIM-120, 1 AIM-9, 2 Tanks	
518	2C97X3AX1WX2	2 CBU-97, 3 AIM-120, 1 AIM-9, 2 Tanks	
519	4C87X3AX1WX2	4 CBU-87, 3 AIM-120, 1 AIM-9, 2 Tanks	
520	2C87X3AX1WX2	2 CBU-87, 3 AIM-120, 1 AIM-9, 2 Tanks	
521	4C89X3AX1WX2	4 CBU-89, 3 AIM-120, 1 AIM-9, 2 Tanks	
522	2C89X3AX1WX2	2 CBU-89, 3 AIM-120, 1 AIM-9, 2 Tanks	
523	4C71X3AX1WX2	4 CBU-71, 3 AIM-120, 1 AIM-9, 2 Tanks	
524	2C71X3AX1WX2	2 CBU-71, 3 AIM-120, 1 AIM-9, 2 Tanks	
529	2M84X3AX1WX2	2 MK-84, 3 AIM-120, 1 AIM-9, 2 Tanks	
530	2M84AX3AX1WX2	2 MK-84AIR, 3 AIM-120, 1 AIM-9, 2 Tanks	
531	2M84X3AX1W	2 MK-84, 3 AIM-120, 1 AIM-9	
532	4M84AX3AX1W	4 MK-84AIR, 3 AIM-120, 1 AIM-9	
533	4M84X1AX1W	4 MK-84, 1 AIM-120, 1 AIM-9	
534	4M84AX1AX1W	4 MK-84AIR, 1 AIM-120, 1 AIM-9	
535	6M82X3AX1WX2	6 MK-82, 3 AIM-120, 1 AIM-9, 2 Tanks	

Old SCL	SCL	Clear Text	Remarks
536	6M82AX3AX1WX2	6 MK82 AIR, 3 AIM-120, 1 AIM-9, 2 Tanks	
537	12M82X3AX1W	12 MK-82, 3 AIM-120, 1 Aim-9	
538	12M82AX3AX1W	12 MK-82AIR, 3 AIM-120, 1 AIM-9	
539	6M20X3AX1WX2	6 MK-20, 3 AIM-120, 1 AIM-9, 2 Tanks	
540	4M20X3AX1WX2	4 MK-20, 3 AIM-120, 1 AIM-9, 2 Tanks	
541	1M648X3AX1WX3	1 Travel Pod, 3 AIM-120, 1 Aim-9, 3 Tanks	
542	1A881M6483A1W3	1 AGM-88, 1 Travel Pod, 3 AIM-120, 1 AIM-9, 3 Tanks	
543	2G31X3AX1WX2	2 JDAMV1, 3 AIM-120, 1 AIM-9, 2 Tanks	
544	2G31PX3AX1WX2	2 JDAMV3, 3 AIM-120, 1 AIM-9, 2 Tanks	
545	2C103X3AX1WX2	2 CBU-103, 3 AIM-120, 1 AIM-9, 2 Tanks	
546	2C104X3AX1WX2	2 CBU-104, 3 AIM-120, 1 AIM-9, 2 Tanks	
547	2C105X3AX1WX2	2 CBU-105, 3 AIM-120, 1 AIM-9, 2 Tanks	
548	2A154X3AX1WX2	2 AGM-154JSOW, 3 AIM-120, 1 AIM-9, 2 Tanks	
550	5AX1WX2	5 AIM-120, 1 AIM-9, 2 Tanks	

**NOTES:**

- All SCLs will include: ALE-40 Dispensers loaded with 60 Chaff and 30 Flare  
ALE-50 Pylon on Station 2 loaded with 2 decoys  
ALQ-184 pod on Station 5  
First 5 SCLs require HTS pod on Station 5B, Desired on all other SCLs  
510 Rounds of PGU-28 Ammunition
- Load AIM-120C primary, then B then A
- Load AIM-9M-9 Primary, Seeker, WGU-4E/B
- SCLs with more than 4 AIM-120s will be subject to LAU-129 availability
- Fuze settings are listed in remarks for ATO and in the 35 FW Appendix to the PACAF UCML

Figure A1.7. 8FW F-16CG SCLs.

SCL	Clear Text	Remarks
2G10PX2AX2WX2	2 GBU10P, 2 Aim 120, 2 Aim9, 2 Tanks	BLU-109
2G10X2AX2WX2	2 GBU10, 2 Aim 120, 2 Aim9, 2 Tanks	MK-84
4G12X2AX2WX2	4 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G12X2AX2WX2	2 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G24X2AX2WX2	2 GBU24AB, 2 Aim 120, 2 Aim9, 2 Tanks	
2G31PX2AX2WX2	2 JDAM P, 2 Aim120, 2 Aim 9, 2 Tanks	BLU-109
2G31X2AX2WX2	2 JDAM, 2 Aim120, 2 Aim 9, 2 Tanks	MK-84
2B109X2A2XWX2	2 BLU 109, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M84X2AX2WX2	2 Mk 84, 2 Aim 120, 2 Aim 9, 2 Tanks	
6M82X2AX2WX2	6 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M82X2AX2WX2	2 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C87X2AX2WX2	4 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C87X2AX2WX2	2 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C89X2AX2WX2	4 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C89X2AX2WX2	2 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C97X2AX2WX2	4 CBU 97, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C97X2AX2WX2	2 CBU 97, 2 Aim 120, 2 Aim 9, 2 Tanks	
2A65X2AX2WX2	2 AGM 65, 2 Aim 120, 2 Aim 9, 2 Tanks	AGM 65 D,G,H,K
2C103X2AX2WX2	2 CBU 103, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C104X2AX2WX2	2 CBU 104, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C105X2AX2WX2	2 CBU 105, 2 Aim 120, 2 Aim 9, 2 Tanks	
4AX2WX2	4 Aim 120, 2Aim 9, 2 Tanks	
2AX2WX2	2 Aim 120, 2Aim 9, 2 Tanks	
6AX0WX1	6Aim120, 1 Tank	
4AX2WX1	4 Aim 120, 2Aim 9, 1 Tank	
2AX2WX1	2 Aim 120, 2Aim 9, 1 Tank	
6AX0WX0	6Aim120, 0Tanks	
4AX2WX0	4 Aim 120, 2Aim 9, 0 Tanks	
2AX2WX0	2 Aim 120, 2Aim 9, 0 Tanks	

**NOTES:**

1. ALE 50 will be loaded on station 8.

2. Configurations should include an ECM pod to the maximum extent possible. Units will decide if the ECM pod is critical to mission accomplishment.
3. The 20mm gun will be loaded with 510 rounds. The type and quantity of the round is at unit discretion based on availability.
4. When carrying LGBs, configuration should be configured with a LANTIRN targeting pod.
5. Typical ECM expendable load is 60 chaff / 30 flares. The type and quantity of the expendable is at unit discretion based on availability and mission requirements.
6. Air to Air munitions may vary in quantity and type based on availability or mission requirements.

**Figure A1.8. 8FW F16C+SCLs.**

SCL	Clear Text	Remarks
2G10PX2AX2WX2	2 GBU10P, 2 Aim 120, 2 Aim9, 2 Tanks	BLU-109
2G10X2AX2WX2	2 GBU10, 2 Aim 120, 2 Aim9, 2 Tanks	MK-84
4G12X2AX2WX2	4 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G12X2AX2WX2	2 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	
2G24X2AX2WX2	2 GBU24AB, 2 Aim 120, 2 Aim9, 2 Tanks	
2G31PX2AX2WX2	2 JDAM P, 2 Aim120, 2 Aim 9, 2 Tanks	BLU-109
2G31X2AX2WX2	2 JDAM, 2 Aim120, 2 Aim 9, 2 Tanks	MK-84
2B109X2A2XWX2	2 BLU 109, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M84X2AX2WX2	2 Mk 84, 2 Aim 120, 2 Aim 9, 2 Tanks	
6M82X2AX2WX2	6 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
2M82X2AX2WX2	2 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C87X2AX2WX2	4 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C87X2AX2WX2	2 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C89X2AX2WX2	4 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C89X2AX2WX2	2 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	
4C97X2AX2WX2	4 CBU 97, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C97X2AX2WX2	2 CBU 97, 2 Aim 120, 2 Aim 9, 2 Tanks	
2A65X2AX2WX2	2 AGM 65, 2 Aim 120, 2 Aim 9, 2 Tanks	AGM 65 D,G,H,K
2C103X2AX2WX2	2 CBU 103, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C104X2AX2WX2	2 CBU 104, 2 Aim 120, 2 Aim 9, 2 Tanks	
2C105X2AX2WX2	2 CBU 105, 2 Aim 120, 2 Aim 9, 2 Tanks	
4AX2WX2	4 Aim 120, 2 Aim 9, 2 Tanks	
2AX2WX2	2 Aim 120, 2 Aim 9, 2 Tanks	
6AX0WX1	6 Aim120, 1 Tank	
4AX2WX1	4 Aim 120, 2 Aim 9, 1 Tank	

SCL	Clear Text	Remarks
2AX2WX1	2 Aim 120, 2Aim 9, 1 Tank	
6AX0WX0	6Aim120, 0Tanks	
4AX2WX0	4 Aim 120, 2Aim 9, 0 Tanks	
2AX2WX0	2 Aim 120, 2Aim 9, 0 Tanks	

**NOTES:**

1. ALE 50 will be loaded on station 8.
2. All IAM SCLs (WCMD, JDAM) assume 1760 pylon.
3. Configurations should include an ECM pod to the maximum extent possible. Units will decide if the ECM pod is critical to mission accomplishment.
4. The 20mm gun will be loaded with 510 rounds. The type and quantity of the round is at unit discretion based on availability.
5. When carrying LGBs, configuration should be configured with a LANTIRN targeting pod.
6. Typical ECM expendable load is 30 chaff / 15 flares. The type and quantity of the expendable is at unit discretion based on availability and mission requirements.
7. Air to Air munitions may vary in quantity and type based on availability or mission requirements.

**Figure A1.9. 354 FW F-16 SCLs.**

SCL	Clear Text	Remarks
2G10PX3AX1WX2	2 GBU10J, 3 Aim 120, 1 Aim9, 2 Tanks	285.02.21
2G10X3AX1WX2	2 GBU10C, 3 Aim 120, 1 Aim9, 2 Tanks	285.02.21
2G10PX2AX2WX2	2 GBU10J, 2 Aim 120, 2 Aim9, 2 Tanks	28 Aug 2002 – FC 2002-02
2G10X2AX2WX2	2 GBU10C, 2 Aim 120, 2 Aim9, 2 Tanks	28 Aug 2002 – FC 2002-02
4G12X3AX1WX2	4 GBU12, 3 Aim 120, 1 Aim9, 2 Tanks	285.01.27
2G12X3AX1WX2	2 GBU12, 3 Aim 120, 1 Aim9, 2 Tanks	285.01.26
4G12X2AX2WX2	4 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	28 Aug 2002 – FC 2002-02
2G12X2AX2WX2	2 GBU12, 2 Aim 120, 2 Aim9, 2 Tanks	28 Aug 2002 – FC 2002-02
2G24X3AX1WX2	2 GBU24AB, 3 Aim 120, 1 Aim9, 2 Tanks	285.03.26
2G24X2AX2WX2	2 GBU24AB, 2 Aim 120, 2 Aim9, 2 Tanks	28 Aug 2002 – FC 2002-02
2G31PX3AX1WX2	2 JDAM V3, 3 Aim120, 1 Aim 9, 2 Tanks	285.05.3
2G31X3AX1WX2	2 JDAM V1, 3 Aim120, 1 Aim 9, 2 Tanks	282.05.3
2G31PX2AX2WX2	2 JDAM V3, 2 Aim120, 2 Aim 9, 2 Tanks	15 Jan 2003 – FC 0102-012
2G31X2AX2WX2	2 JDAM V1, 2 Aim120, 2 Aim 9, 2 Tanks	15 Jan 2003 – FC 0102-012
2M84X2AX2WX2	2 Mk 84, 2 Aim 120, 2 Aim 9, 2 Tanks	15 Jan 2003 - FC 0102-02

SCL	Clear Text	Remarks
6M82X2AX2WX2	6 Mk 82, 2 Aim 120, 2 Aim 9, 2 Tanks	15 Jan 2003 - FC 0102-02
4C87X2AX2WX2	4 CBU 87, 2 Aim 120, 2 Aim 9, 2 Tanks	28 Aug 2002 – FC 2002-02
4C89X2AX2WX2	4 CBU 89, 2 Aim 120, 2 Aim 9, 2 Tanks	28 Aug 2002 – FC 2002-02
2A65X2AX2WX2	2 AGM 65, 2 Aim 120, 2 Aim 9, 2 Tanks	AGM 65 D,G,H,K 265.01.9
2C103X2AX2WX2	2 CBU 103, 3 Aim 120, 1 Aim 9, 2 Tanks	21 July 02 Attachment pg 1 ln 2
2C105X2AX2WX2	2 CBU 105, 3 Aim 120, 1 Aim 9, 2 Tanks	21 July 02 Attachment pg 1 ln 2
2G12X2L131X2WX2	2 GBU12, 14WP 2.75 RX, 2 Aim 120, 2 Aim 9, 2 Tanks	FAC (A) / CSAR 28 Aug 2002 – FC 2002-02
4AX2WX2	4 Aim 120, 2 Aim 9, 2 Tanks	210.02.23
2AX2WX2	2 Aim 120, 2 Aim 9, 2 Tanks	210.02.28
4AX2WX0	4 Aim 120, 2 Aim 9, 0 Tanks	210.02.20
2AX2WX0	2 Aim 120, 2 Aim 9, 0 Tanks	210.02.25

**NOTES:**

1. Configurations must include an ECM pod. It is critical to mission accomplishment.
2. The 20mm gun will be loaded with 510 rounds. The type and quantity of the round is at unit discretion based on availability.
3. Configuration will include a LANTIRN targeting pod. The NAV pod will not be loaded to reduce drag.
4. Typical ECM expendable load is 60 chaff / 30 flares. The type and quantity of the expendable is at unit discretion based on availability and mission requirements. RR-180 chaff on request.
5. Air to Air munitions may vary in quantity and type based on availability or mission requirements.
6. Based on availability, configurations will be 3 AIM-120s x 1 AIM-9.
7. All configurations will have ALE-50 pylons on station 2 and 8.

Figure A1.10. 354 WG A-10 SCLs.

SCL	Clear Text	Remarks
1A65X4L131	1 AGM 65, 4 LAU-131	
2A65X4L131	2 AGM-65, 4 LAU-131	
4L131	4 LAU-131	
2A65X5L131X1S25	2 AGM-65, 5 LAU-131, 1 SUU-25	
2A65X4L131X1S25	2 AGM-65, 4 LAU-131, 2 SUU-25	
3L131X1S25	3 LAU-131, 1 SUU-25	
2A65X4C87	2 AGM-65, 4 CBU-87	
2A65X4C89	2 AGM-65, 4 CBU-89	
2A65X6M82	2 AGM-65, 6 MK82	
2A65X4M82	2 AGM-65, 4 MK-82	
2A65X2M84	2 AGM-65, 2 MK84	
2A65X4C87X2L131	2 AGM-65, 4 CBU-87, 2 LAU-131	
2A65X4C89X2L131	2 AGM-65, 4 CBU-89, 2 LAU-131	
2A65X6M82X2L131	2 AGM-65, 6 MK82, 2 LAU-131	
2A65X4M82X2L131	2 AGM-65, 4 MK-82, 2 LAU 131	
2A65X2M84X2L131	2 AGM-65, 2 MK84, 2 LAU-131	
4A65	4 AGM-65	
4A65X2L131	4 AGM-65, 2 LAU-131	
4A65X4L131	4 AGM-65, 4 LAU-131	
2A65X6G12D	2 AGM-65, 6 GBU-12D/B	
2A65G12D2L131	2 AGM-65, 6 GBU-12D/B, 2 LAU-131	
2A65X2G12E	2 AGM-65, 2 GBU-12E/B	
2A652G12E2L131	2 AGM-65, 2 GBU-12E/B, 2LAU131	
2A65X2C87X4L131	2 AGM-65, 2 CBU-87, 4 LAU-131	
2A65X2C89X4L131	2 AGM-65, 2 CBU-89, 4 LAU-131	
6A65	6 AGM-65	

**NOTES:**

1. Standard equipment for every A-10 is ECM pod, 2 x AIM-9, and Pave Penny. Changes to this will be annotated in the remarks.
2. The 30mm ammunition standard is 1150 Rounds. The first letter of the SCL list will annotate the type of ammunition. C = Combat Mix, H = HEI, T = TP.

3. Expendable ECM load will be set in the local load plan.
4. Specific 2.75" rocket, AGM-65, and other munitions type (LD/HD) will be annotated in the remarks.

Fuzing will be IAW the FY03 354 FW UCML