
A & A GAME ENGINEERING PRODUCT SUPPORT

Product Support sheets come in the following types:

- Clarifications – these are more general clarifications about game play in response to questions from players.
- Corrections and Amendments – these include corrections to errors in game data, typing errors, and mistakes in game play that have come to light. These may come in two alternatives:
 - applicable to the most recent edition.
 - applicable to previous editions. These items will all have been incorporated into the latest edition on sale.
- New Rules – These rules will have been developed in response to requests from players. They may also have been developed from House Rules (see below).
- House Rules and player suggestions. House rules that are tested and work well may be incorporated into the basic rules if the author(s) approve.

The content of the sheets follows the same order as the rules in the book and the first sheet shows a summary of these sections and indicates those that are affected by the current sheet.

SCRAMBLE

KOREAN WAR AIRCRAFT DATA

DATE: 2 SEPTEMBER 2010

UPDATED 11 APRIL 2014

Following many requests, we have processed the data for aircraft involved in the Korean War. Now the results of this are extreme when it comes to the DV of these early jets in this period, as you will see, due to the method of calculating the values.

Following the basic rules you will find that if you want to hit many of them you will have to get close in, on the tail, at short range with a good pilot if you are going to have any hope of success.

You will often have to make use of the new rule 5.17 for use when shooting at “impossible targets”, which is available as a separate download.

Korean War

China

Ilyushin Il-10M (Korea)	Russia	1951/01
Lavochkin La-11	Russia	1947/01
Lavochkin La-9 (early)	Russia	1946/08
Lavochkin La-9 (later)	Russia	1946/08
Mikoyan-Gurevich MiG-15	Russia	1947/01
Mikoyan-Gurevich MiG-15bis	Russia	1947/01
Mikoyan-Gurevich MiG-9	Russia	1947/01
Yakovlev Yak-9P	Russia	1947/01

North Korean Air Force

Ilyushin Il-10M (Korea)	Russia	1951/01
Lavochkin La-11	Russia	1947/01
Lavochkin La-9 (early)	Russia	1946/08
Lavochkin La-9 (later)	Russia	1946/08
Mikoyan-Gurevich MiG-15	Russia	1947/01
Mikoyan-Gurevich MiG-15bis	Russia	1947/01
Mikoyan-Gurevich MiG-9	Russia	1947/01
Tupolev Tu-2S	Russia	1944
Yakovlev Yak-3T	Russia	1945/01
Yakovlev Yak-9P	Russia	1947/01

Russia

Mikoyan-Gurevich MiG-15	Russia	1947/01
Mikoyan-Gurevich MiG-15bis	Russia	1947/01

United Nations (Korea)

Boeing B-29A Superfortress	United States	1944/06
Douglas A-26B-15 Invader	United States	1944
Douglas A-26C Invader	United States	1944
Douglas AD-4 Skyraider (Bombs)	United States	1947
Douglas AD-4 Skyraider (Rockets)	United States	1947
Douglas F3D-2 Skyknight	United States	1951
Fairey Firefly F.Mk IV	Great Britain	1947/01
Gloster Meteor F.Mk VIII	Great Britain	1948/10
Grumman F7F-2N Tigercat	United States	1944/04
Grumman F7F-3 Tigercat	United States	1944/04
Grumman F9F-2 Panther (Bombs)	United States	1947
Grumman F9F-2 Panther (FTR)	United States	1947
Grumman F9F-2 Panther (Rockets)	United States	1947
Hawker Fury (Centaurus)	Great Britain	1945
Hawker Fury (Sabre)	Great Britain	1945
Lockheed F-80C Shooting Star (Bombs)	United States	1948
Lockheed F-80C Shooting Star (FTR)	United States	1948
Lockheed F-80C Shooting Star (Rockets)	United States	1948
Lockheed F94-C Starfire	United States	1950
McDonnell F2H-3 Banshee	United States	1953
North American F-82 Twin Mustang	United States	1945/04
North American F86-D Sabre	United States	1949
North American F86-F Sabre	United States	1953
Republic F84-E Thunderjet (Bombs)	United States	1949
Republic F84-E Thunderjet (FTR)	United States	1949
Supermarine Seafire F.47	Great Britain	1945/01
Vought F4U-4B Corsair	United States	1944/10
Vought F4U-5 Corsair	United States	1946

Aircraft Data sorted by manufacturing nation

For game ranges and modifiers for aircraft guns refer to the Master Table of Aircraft Guns (Appendix A) in the rules

Aircraft PV:
 Date: AS: ST: MV L: MV C: CLI: CEIL: DV L: DV C: DAM:
 Crewman: Arc: No. and type of weapons:

Great Britain

Fairey Firefly F.Mk IV 79

1947/01 15 5 4 4 3 19 13 15 29

Dive: 2 5 6 8 AB Mod L/C: 0 1

Pilot Nose 4 BPs (D6 x 1-3 damage/hit)

Nose 4 20mm Hispano V

Gloster Meteor F.Mk VIII 135

1948/10 23 7 4 4 2 28 26 30 32

Dive: 4 7 9 12 AB Mod L/C: 3 3

Pilot Nose 4 BPs (D6 x 1-3 damage/hit)

Nose 4 20mm Hispano V

Hawker Fury (Centaurus) 113

1945 18 5 4 4 1 31 17 18 26

Dive: 3 5 7 9 AB Mod L/C: 1 2

Pilot Wings 8 60lb ATG RP (fired in salvos of 2: 5D6/2D6)

Wings 4 20mm Hispano V

Hawker Fury (Sabre) 88

1945 19 6 5 4 1 29 18 21 28

Dive: 3 6 8 10 AB Mod L/C: 1 2

Pilot Nose 4 BPs (D6 x 1-3 damage/hit)

Wings 4 20mm Hispano V

Supermarine Seafire F.47 62

1945/01 18 5 3 3 2 27 25 27 16

Dive: 3 5 7 9 AB Mod L/C: 2 3

Pilot Nose 1 BPs (D6 x 1-3 damage/hit)

Nose 4 20mm Hispano V

Russia

Ilyushin Il-10M (Korea) 95

1951/01 14 4 5 4 2 14 11 12 31

Dive: 2 4 5 7 AB Mod L/C: -1 0

Pilot Nose 4 RS132 ATG RP (fired in salvos of 2: 4D6/2D6)

Nose 2 BPs (D6 x 1-3 damage/hit)

Nose 4 23mm NS-23

Observer Tail 1 20mm B 20

Lavochkin La-11 51

1947/01 17 5 4 4 2 22 19 19 18

Dive: 3 5 7 8 AB Mod L/C: 1 1

Pilot Nose 3 23mm NS-23

Lavochkin La-9 (early) 56

1946/08 17 5 3 3 1 23 20 20 17

Dive: 3 5 7 9 AB Mod L/C: 2 2

Pilot Nose 4 20mm ShVAK

Lavochkin La-9 (later) 59

1946/08 17 5 3 3 1 23 20 20 17

Dive: 3 5 7 9 AB Mod L/C: 2 2

Pilot Nose 4 23mm NS-23

Aircraft PV:

Date: AS: ST: MV L: MV C: CLI: CEIL: DV L: DV C: DAM:

Crewman: Arc: No. and type of weapons:

Mikoyan-Gurevich MiG-15 112

1947/01 26 8 5 5 0.4 33 23 25 27

Dive: 4 8 10 13 AB Mod L/C: 3 3

Pilot Nose 2 BPs (D6 x 1-3 damage/hit)

Nose 2 23mm NR-23

Nose 1 37mm N-37D

Mikoyan-Gurevich MiG-15bis 121

1947/01 27 8 5 5 0.4 32 27 29 27

Dive: 4 8 11 13 AB Mod L/C: 3 3

Pilot Nose 2 BPs (D6 x 1-3 damage/hit)

Nose 1 23mm NR-23

Nose 1 37mm N-37D

Mikoyan-Gurevich MiG-9 90

1947/01 23 7 4 4 1 27 21 21 23

Dive: 3 7 9 11 AB Mod L/C: 2 2

Pilot Nose 1 37mm NS-37

Nose 2 23mm NS-23

Tupolev Tu-2S 149

1944 14 4 7 6 2 21 10 13 55

Dive: 2 4 5 7 AB Mod L/C: -3 -1

Pilot Nose 13 BPs (D6 x 1-3 damage/hit)

Wings 2 20mm ShVAK

Bombardier Tail 1 12.7mm Beresin UBS

Gunner 1 Tail 1 12.7mm Beresin UBS

Gunner 2 Tail 1 12.7mm Beresin UBS

Yakovlev Yak-3T 47

1945/01 16 5 3 3 1 24 18 18 14

Dive: 2 5 7 8 AB Mod L/C: 2 2

Pilot Nose 1 37mm NS-37

Wings 2 20mm B 20

Yakovlev Yak-9P 50

1947/01 16 5 4 4 1 24 18 18 18

Dive: 2 5 7 8 AB Mod L/C: 1 1

Pilot Nose 2 12.7mm Beresin UBS

Nose 1 20mm ShVAK

United States

Boeing B-29A Superfortress 716

1944/06 14 4 12 10 8 22 6 7 210

Dive: 2 4 6 7 AB Mod L/C: -8 -6

Pilot Unarmed

Bombardier Nose 40 BPs (D6 x 1-3 damage/hit)

Co-Pilot Unarmed

Gunner 1 Tail 2 .5 cal Browning

Tail 1 20mm AN M2 Hispano

Gunner 2 360° 4 .5 cal Browning

Gunner 3 360° 2 .5 cal Browning

Gunner 4 360° 2 .5 cal Browning

Gunner 5 360° 2 .5 cal Browning

Douglas A-26B-15 Invader 257

1944 14 4 8 7 3 12 9 11 67

Dive: 2 4 6 7 AB Mod L/C: -4 -3

Pilot Nose 14 5" HVAR ATG RP (fired in salvos of 2: 4D6/2D6)

Nose 8 BPs (D6 x 1-3 damage/hit)

Nose 6 .5 cal Browning

Wings 2 .5 cal Browning

Gunner 1 Tail 2 .5 cal Browning

Aircraft PV:

Date: AS: ST: MV L: MV C: CLI: CEIL: DV L: DV C: DAM:

Crewman: Arc: No. and type of weapons:

Douglas A-26C Invader 150

1944 15 4 8 7 3 11 10 11 69
Dive: 2 4 6 7 AB Mod L/C: -4 -3
Pilot Nose 8 BPs (D6 x 1-3 damage/hit)
Bombardier Nose 2 .5 cal Browning
Gunner 1 360° 2 .5 cal Browning
Tail 2 .5 cal Browning

Douglas AD-4 Skyraider (Bombs) 99

1947 13 4 6 4 1 20 9 15 36
Dive: 2 4 5 6 AB Mod L/C: -3 0
Pilot Nose 16 BPs (D6 x 1-3 damage/hit)
Nose 4 20mm AN M2 Hispano

Douglas AD-4 Skyraider (Rockets) 144

1947 13 4 5 4 1 20 13 15 36
Dive: 2 4 5 6 AB Mod L/C: -1 0
Pilot Nose 14 5" HVAR ATG RP (fired in
salvos of 2: 4D6/2D6)
Nose 4 20mm AN M2 Hispano

Douglas F3D-2 Skyknight 143

1951 21 6 6 5 1 22 16 20 45
Dive: 3 6 8 11 AB Mod L/C: 0 1
Pilot Nose 8 BPs (D6 x 1-3 damage/hit)
Nose 4 20mm AN M2 Hispano

Grumman F7F-2N Tigercat 127

1944/04 17 5 5 5 1 28 16 16 49
Dive: 3 5 7 8 AB Mod L/C: 0 0
Pilot Wings 4 20mm AN M2 Hispano

Grumman F7F-3 Tigercat 140

1944/04 17 5 5 5 1 29 16 16 49
Dive: 3 5 7 9 AB Mod L/C: 0 0
Pilot Nose 4 .5 cal Browning
Wings 4 20mm AN M2 Hispano

Grumman F9F-2 Panther (Bombs) 97

1947 21 6 5 5 1 30 21 24 28
Dive: 3 6 8 11 AB Mod L/C: 1 2
Pilot Nose 4 BPs (D6 x 1-3 damage/hit)
Nose 4 20mm AN M2 Hispano

Grumman F9F-2 Panther (FTR) 95

1947 21 6 5 5 1 30 24 24 28
Dive: 3 6 8 11 AB Mod L/C: 2 2
Pilot Nose 4 20mm AN M2 Hispano

Grumman F9F-2 Panther (Rockets) 116

1947 21 6 5 5 1 30 23 24 28
Dive: 3 6 8 11 AB Mod L/C: 1 2
Pilot Nose 6 5" HVAR ATG RP (fired in
salvos of 2: 4D6/2D6)
Nose 4 20mm AN M2 Hispano

Lockheed F-80C Shooting Star (Bombs) 90

1948 23 7 5 4 1 30 21 25 25
Dive: 3 7 9 12 AB Mod L/C: 2 3
Pilot Nose 4 BPs (D6 x 1-3 damage/hit)
Nose 6 .5 cal Browning

Aircraft PV:

Date: AS: ST: MV L: MV C: CLI: CEIL: DV L: DV C: DAM:

Crewman: Arc: No. and type of weapons:

Lockheed F-80C Shooting Star (FTR) 96

1948 23 7 4 4 1 30 25 25 25
Dive: 3 7 9 12 AB Mod L/C: 3 3
Pilot Nose 6 .5 cal Browning

Lockheed F-80C Shooting Star (Rockets) 112

1948 23 7 5 4 1 30 22 25 25
Dive: 3 7 9 12 AB Mod L/C: 2 3
Pilot Nose 8 5" HVAR ATG RP (fired in
salvos of 2: 4D6/2D6)
Nose 6 .5 cal Browning

Lockheed F94-C Starfire 139

1950 26 8 8 7 1 33 20 22 38
Dive: 4 8 10 13 AB Mod L/C: 0 1
Pilot Nose 48 2.75" FFAR ATA RP (in racks of
12)

McDonnell F2H-3 Banshee 130

1953 21 6 6 6 1 32 23 24 40
Dive: 3 6 9 11 AB Mod L/C: 0 1
Pilot Nose 2 BPs (D6 x 1-3 damage/hit)
Nose 4 20mm AN M2 Hispano

North American F-82 Twin Mustang 119

1945/04 18 6 7 6 1 27 10 13 48
Dive: 3 6 7 9 AB Mod L/C: -1 0
Pilot Nose 6 .5 cal Browning
Nose 8 BPs (D6 x 1-3 damage/hit)

North American F86-D Sabre 150

1949 28 8 5 5 0.3 30 17 18 41
Dive: 4 8 11 14 AB Mod L/C: 3 3
Pilot Nose 24 2.75" FFAR ATA RP (in racks of
12)

North American F86-F Sabre 120

1953 27 8 4 4 0.4 31 24 24 33
Dive: 4 8 11 14 AB Mod L/C: 4 4
Pilot Nose 6 .5 cal Browning

Republic F84-E Thunderjet (Bombs) 114

1949 25 7 7 5 1 23 17 22 34
Dive: 4 7 10 12 AB Mod L/C: 1 2
Pilot Nose 9 BPs (D6 x 1-3 damage/hit)
Nose 6 .5 cal Browning

Republic F84-E Thunderjet (FTR) 120

1949 25 7 5 5 1 23 22 22 34
Dive: 4 7 10 12 AB Mod L/C: 2 2
Pilot Nose 6 .5 cal Browning

Vought F4U-4B Corsair 80

1944/10 18 5 4 4 1 29 16 16 28
Dive: 3 5 7 9 AB Mod L/C: 2 2
Pilot Nose 4 20mm AN M2 Hispano

Vought F4U-5 Corsair 88

1946 18 5 4 4 1 29 20 20 28
Dive: 3 5 7 9 AB Mod L/C: 2 2
Pilot Nose 4 20mm AN M2 Hispano