



Light Bomber

2VP

**A-20C Havoc**

Altitude	Speed	Turn	Climb	Bomb
15+	4	4	S	—
3 - 14	5	5	2	11
0 - 2	5	5	1	11

Firepower	0	<i>Low Drag</i>
Protection	4-5 h	<i>Max Load 14</i>
Bombsight	V	<i>Torpedo +1</i>
Defence	0	

United States Feb 40

v2.0



Dive Bomber

1VP

**SBD-3 Dauntless**

Altitude	Speed	Turn	Climb	Bomb
15+	2	2	S	—
3 - 14	3	3	2	9
0 - 2	3	3	1	9

Firepower	0	<i>Dive Brakes</i>
Protection	4	<i>Max Load 14</i>
Bombsight	T	
Defence	0	

United States Mar 41

v2.0



Torpedo Bomber

1VP

**TBD-1 Devastator**

Altitude	Speed	Turn	Climb	Bomb
12+	1	1	S	—
2 - 11	2	2	2	9
0 - 1	2	2	1	9

Firepower	0	<i>Torpedo -1 Slow</i>
Protection	3	
Bombsight	G	
Defence	0	

United States Aug 37

v2.0



Torpedo Bomber

1VP

**TBF-1 Avenger**

Altitude	Speed	Turn	Climb	Bomb
17+	2	2	S	—
3 - 16	3	3	2	13
0 - 2	3	3	1	13

Firepower	0	42 to summer 44:
Protection	4-5	<i>Torpedo -1 Slow</i>
Bombsight	G	From autumn 44:
Defence	0	<i>Torpedo +1</i>

United States Jun 42

v2.0



Fighter

1VP

**F4F-4 Wildcat**

Altitude	Speed	Turn	Climb	Bomb
12+	3	4	3	—
3 - 11	4	5	2	4
0 - 2	4	5	1	4

Firepower	2	<i>Drop Tanks</i>
Protection	4	<i>Edge ▶</i>
Bombsight	T	

United States Dec 41

v2.2



Fighter

1VP

**P-40B Warhawk**

Altitude	Speed	Turn	Climb	Bomb
10+	4	4	3	—
4 - 9	5	5	2	—
0 - 3	5	5	1	—

Firepower	1	<i>Drop Tanks</i>
Protection	3-4	
Bombsight	T	

United States Jun 41

v2.2



Fighter

1VP

**P-40E Warhawk**

Altitude	Speed	Turn	Climb	Bomb
12+	4	4	3	—
3 - 11	5	5	2	6
0 - 2	5	5	1	6

Firepower	2	<i>Drop Tanks</i>
Protection	4	
Bombsight	T	

United States Aug 41

v2.2



Fighter

1VP

**P-40F Warhawk**

Altitude	Speed	Turn	Climb	Bomb
13+	4	4	3	—
3 - 12	5	5	2	6
0 - 2	5	5	1	6

Firepower	2	<i>Drop Tanks</i>
Protection	4	
Bombsight	T	

United States Oct 42

v2.2



**TBF-1 Avenger**

The heaviest single-engined aircraft of the war, Grumman's rugged **TBF** proved an outstanding torpedo bomber.

*The Torpedo value depends on the scenario date*

**Variants**

This card depicts almost all major variants, including the **TBF-1C** and **TBM**. Named **Avenger Mk.I** and **Mk.II** in British and New Zealand service

**TBM-3** Improved variant, in service mid-44, named **Avenger Mk.III** in British service  
Add **ATGR 7** and **Drop Tank** abilities

*WING LEADER***TBD-1 Devastator**

Though one of the most advanced bombers in the world when it entered service, four years later the Douglas **TBD** had become outdated and vulnerable. It was further limited by a torpedo that could not be dropped at high speed. Successes were modest in the naval battles of 1942 and casualties high. The **Devastator** was soon replaced by the more capable **TBF Avenger**.

*WING LEADER***SBD-3 Dauntless**

The Douglas **SBD** was the primary US Navy and Marine Corps dive bomber of the war and hero of the naval battles of 1942. Though an excellent carrier plane it fared less well as a land-based bomber. Towards the end of the war it was gradually replaced by more flexible fighter-bombers.

**Variants**

This card also depicts late-production variants, including the **SBD-4** and **-5**, as well as the land-based Army Air Force **A-24 Banshee**

**SBD-1, SBD-2** Early variants without fuel protection and armour  
*Reduce Protection to 3*

*WING LEADER***A-20C Havoc**

Douglas built the **Havoc** as a light bomber, but it matured into a versatile attacker that served in American, British, Commonwealth and Soviet air forces.

**Variants**

This card depicts the **A-20A, B** and **C**, the **DB-7** in French and Soviet service, and the **Boston Mk.III** and **Mk.IIIA** in British and Commonwealth service

**A-20G, A-20H** Ground attacker, in service Feb 43

*Increase Bombs to 13 and Firepower to 2/0*

**A-20J, A-20K** Bomber, in service 1943

*Upgrade Bombsight to G; increase Bombs to 13*

*WING LEADER***P-40F Warhawk**

The failing of the early Curtiss **P-40** models was their lack of power at high altitudes. The addition of a Packard-built Merlin engine helped the fighter tackle capable foes such as the **Bf 109F**, though it still lacked the supercharging needed to challenge high-flying enemies.

**Variants**

The **P-40F** was named **Kittyhawk Mk.II** in British and Commonwealth service

**P-40L** Lightweight variant with some guns removed

*Reduce Firepower to 1; add **Edge** ► ability*

*WING LEADER***P-40E Warhawk**

The Curtiss **P-40E** improved upon the **P-40C** with a more powerful engine and a bigger gun battery. It was sufficiently different that the British renamed it the **Kittyhawk** and it was to play an important role in North Africa, the Pacific, and Russia.

**Variants**

The **P-40E** was named **Kittyhawk Mk.IA** in British and Commonwealth service

**P-40D** Early version, built in small numbers. Named **Kittyhawk Mk.I** in British and Commonwealth service

*Reduce Firepower to 1*

*WING LEADER***P-40B Warhawk**

The Curtiss **P-40** was ubiquitous in the early war. Inadequate supercharging limited its effectiveness at altitude, but as one of the few modern fighter aircraft available from America, it played a vital role in many theatres.

**Variants**

This card depicts the **P-40B** and **C**, named **Tomahawk Mk.II** in British and Commonwealth service

**Tomahawk Mk.I** Early variant without fuel protection and armour, in British and Commonwealth service May 41

*Reduce Protection to 3*

*WING LEADER***F4F-4 Wildcat**

Grumman's **F4F** was the USN's primary carrier fighter on entry into the war, playing a vital role in the early Pacific battles.

**Variants**

The **F4F-4** was named **Martlet Mk.IV** or **Wildcat Mk.IV** in British service

**F4F-3** Early variant, in service Aug 40. Named **Martlet Mk.I, Mk.II** and **Mk.III** in British service

*Reduce Firepower to 1*

**FM-1** GM-built model, named **Martlet Mk.V** or **Wildcat Mk.V** in British service

*Reduce Firepower to 1*

For later variants see the **FM-2** card

*WING LEADER*





Light Bomber

2VP

**Blenheim Mk.IV**

Altitude	Speed	Turn	Climb	Bomb
17+	2	2	S	—
3 - 16	3	3	2	9
0 - 2	3	3	1	9

Firepower **0**  
 Protection **4-5 h**  
 Bombsight **V**  
 Defence **0**

Great Britain Jan 39

v2.0



Light Bomber

1VP

**Battle Mk.I**

Altitude	Speed	Turn	Climb	Bomb
15+	2	2	S	—
3 - 14	3	3	2	9
0 - 2	3	3	1	9

Firepower **0**  
 Protection **4**  
 Bombsight **V**  
 Defence **0**

Great Britain Jun 37

v2.0



Fighter

1VP

**Gladiator Mk.II**

Altitude	Speed	Turn	Climb	Bomb
10+	2	4	3	—
3 - 9	3	5	2	—
0 - 2	3	5	1	—

Firepower **0**  
 Protection **3**  
 Bombsight **T**

Great Britain Oct 37

v2.0



Fighter

1VP

**F2A-3 Buffalo**

Altitude	Speed	Turn	Climb	Bomb
9+	3	3	3	—
3 - 8	4	4	2	—
0 - 2	4	4	1	—

Firepower **1**  
 Protection **4**  
 Bombsight **T**

United States Aug 41

v2.2



Fighter

1VP

**Hurricane Mk.I**

Altitude	Speed	Turn	Climb	Bomb
12+	3	4	3	—
3 - 11	4	5	2	—
0 - 2	4	5	1	—

Firepower **1** *Edge ▶*  
 Protection **4**  
 Bombsight **T**

Great Britain Dec 37

v2.2



Fighter

1VP

**Hurricane Mk.IIC**

Altitude	Speed	Turn	Climb	Bomb
12+	3	4	3	—
4 - 11	4	5	2	9
0 - 3	4	5	1	9

Firepower **3** *Drop Tanks*  
 Protection **4** *Edge ▶*  
 Bombsight **T**

Great Britain Jun 41

v2.2



Fighter

1VP

**Spitfire Mk.IA**

Altitude	Speed	Turn	Climb	Bomb
13+	4	5	3	—
4 - 12	5	6	2	—
0 - 3	5	6	1	—

Firepower **1**  
 Protection **4**  
 Bombsight **T**

Great Britain Jun 40

v2.0



Fighter

1VP

**Spitfire Mk.VB**

Altitude	Speed	Turn	Climb	Bomb
14+	4	5	3	—
5 - 13	5	6	2	6
0 - 4	5	6	1	6

Firepower **2** *Drop Tanks*  
 Protection **4** *Edge ▶*  
 Bombsight **T**

Great Britain Feb 41

v2.2





### F2A-3 Buffalo

The early Brewster **F2A Buffalo** was a sprightly, well-regarded fighter. However, adding weapons, armour and equipment robbed it of performance, while unreliability and poor build quality gave it a reputation as a 'lemon'. In the right hands the **Buffalo** made a decent account of itself, but the Americans and British soon retired it.

#### Variants

This card depicts the 'heavy' Buffaloes in service with the US and the British **Buffalo Mk.I**, available May 41

For the 'light' Buffalo variants see the **B-339D Buffalo** card

WING LEADER



### Gladiator Mk.II

Britain's last biplane fighter, Gloster's **Gladiator** was exported to many countries, Finland and China amongst them. By the outbreak of war the **Gladiator** was outclassed by modern monoplanes, and though it won some heroic victories it was rapidly pensioned off.

#### Variants

This card depicts the early **Gladiator Mk.I**, in service Feb 37, named **J 8** in Swedish service; the uprated **Mk.II**, named **J 8A** in Swedish service; and the navalised **Sea Gladiator**

WING LEADER



### Battle Mk.I

The Fairey **Battle** was a clean-looking light bomber powered by the same Merlin engine as the **Spitfire** and **Hurricane**. However, it lacked power for its weight, so that by the opening campaign of the war it could not cope with the role thrust upon it. Badly mauled in France in 1940, the **Battle** soon receded from front-line service.

#### Variants

This card also depicts the **Battle Mk.II** and **Mk.V**

WING LEADER



### Blenheim Mk.IV

The Bristol factory's **Blenheim** fast bomber was an icon of rearmament, though by 1940 it lacked speed and weapon load. It saw a lot of action until more capable replacements, such as the **Beaufighter**, appeared.

#### Variants

**Blenheim Mk.I** Mar 37 early version  
*Reduce Protection to 3-4*

**Blenheim Mk.IF** Fighter variant  
*Remove Bomb rating; increase Firepower to 1; reduce Turn by 1; add Rear View ability*

**Blenheim Mk.V 'Bisley'** Ground-attack variant, in service mid-42  
*Increase Firepower to 1 and Protection to 5*

WING LEADER



### Spitfire Mk.VB

The Supermarine **Spitfire Mk.VB** was the main production variant of the **Mk.V**. The 'B' indicated wings that mixed cannon and machineguns to increase the fighter's punch. Engine power was greater, but barely made up for the weight of new guns and equipment.

#### Variants

This card also depicts the **Spitfire Mk.VC** with numerous improvements

**Spitfire Mk.VA** Machinegun-armed variant made in small numbers  
*Reduce Firepower to 1*

WING LEADER



### Spitfire Mk.IA

Boasting eight machineguns, good speed and a sparkling rate of turn, the **Spitfire** was easily the match of the best German fighters of the early war. Supermarine's Merlin-engined wonder became the icon of the Battle of Britain.

#### Variants

This card depicts all early variants, including the **Spitfire Mk.I**, in service Aug 38, and **Mk.IIA**, in service Aug 40

**Spitfire Mk.IB, Mk.IIB** Cannon-armed variants built in small numbers. The **Mk.IB** entered service Jun 40  
*Increase Firepower to 2*

WING LEADER



### Hurricane Mk.IIC

With upgraded weapons and powerplant, Hawker's **Hurricane** gradually shifted from the fighter to the ground attack role.

#### Variants

This card also depicts the navalised **Sea Hurricane Mk.IIC**, in service May 42

**Hurricane Mk.IIA, Mk.IIB** Machinegun-armed variants, in service Sep 40

*Reduce Firepower to 1*

**Hurricane Mk.IID** Anti-tank variant, Jun 42  
*Reduce Firepower to 0; increase Protection to 4-5; carries AT Pod instead of bombs*

**Hurricane Mk.IV** In service late 43  
*Add AT Pod and ATGR 8 abilities*

WING LEADER



### Hurricane Mk.I

The Hawker **Hurricane Mk.I** gave yeoman service in the early years of the war as a cheap and rugged fighter. Until there were sufficient **Spitfires** available it was the backbone of the fighter arm in the Battle of Britain, the Mediterranean and the Far East. Outpaced by most modern fighters, it was considered to be manoeuvrable and could be deadly in skilled hands.

#### Variants

This card also depicts the navalised **Sea Hurricane Mk.IB**, in service Jul 41

WING LEADER





Fighter

1VP

**CR.42 Falco**

Altitude	Speed	Turn	Climb	Bomb
12+	2	4	3	—
3 - 11	3	5	2	6
0 - 2	3	5	1	6

Firepower **0** *Edge ▶*  
 Protection **3-4**  
 Bombsight **T**

Italy May 39

v2.0



Fighter

1VP

**G.50 bis Freccia**

Altitude	Speed	Turn	Climb	Bomb
11+	3	3	3	—
4 - 10	4	4	2	6
0 - 3	4	4	1	6

Firepower **0**  
 Protection **4**  
 Bombsight **T**

Italy Sep 40

v2.0



Fighter

1VP

**MC.200 Saetta**

Altitude	Speed	Turn	Climb	Bomb
11+	3	4	3	—
5 - 10	4	5	2	7
0 - 4	4	5	1	7

Firepower **0** *Drop Tanks*  
 Protection **3-4**  
 Bombsight **T**

Italy Aug 39

v2.2



Fighter

1VP

**MC.202 Folgore**

Altitude	Speed	Turn	Climb	Bomb
13+	4	5	3	—
6 - 12	5	6	2	7
0 - 5	5	6	1	7

Firepower **1** *Drop Tanks*  
 Protection **4** *Edge ▶*  
 Bombsight **T**

Italy July 41

v2.2



Medium Bomber

2VP

**SM.79-II Sparviero**

Altitude	Speed	Turn	Climb	Bomb
16+	3	3	S	—
2 - 15	4	4	2	14
0 - 1	4	4	1	14

Firepower **0** *Torpedo +1*  
 Protection **4-5**  
 Bombsight **V**  
 Defence **0**

Italy Sep 39

v2.0



Light Bomber

1VP

**IL-2 'Ilyusha'**

Altitude	Speed	Turn	Climb	Bomb
11+	2	1	S	—
3 - 10	3	2	2	8
0 - 2	3	2	1	8

Firepower **2** *ATGR 5*  
 Protection **5**  
 Bombsight **T**

Soviet Union Jun 41

v2.0



Fighter

1VP

**LaGG-3**

Altitude	Speed	Turn	Climb	Bomb
11+	3	4	3	—
3 - 10	4	5	2	6
0 - 2	4	5	1	6

Firepower **1** *ATGR 4*  
 Protection **4** *Edge ▶*  
 Bombsight **T**

Soviet Union Jul 41

v2.2



Fighter

1VP

**Yak-1**

Altitude	Speed	Turn	Climb	Bomb
11+	4	4	3	—
4 - 10	5	5	2	6
0 - 3	5	5	1	6

Firepower **1** *ATGR 4*  
 Protection **4**  
 Bombsight **T**

Soviet Union May 41

v2.0



**MC.202 Folgore**

The **Folgore** ('Thunderbolt') was Macchi's answer to the failings of the **MC.200 Sietta**. It mated a German inline engine to the **MC.200** airframe and added armour to create an agile, fast fighter capable of beating the **Hurricane** and **P-40**. Though it became a mainstay of the Regia Aeronautica, Macchi was unable to produce enough of them to stem the Allied tide.

*Remove Bomb rating and Drop Tanks ability before 1942*

**Variants**

This card also depicts the improved **MC.202AS** and the **MC.202CB** fighter-bomber

WING LEADER

**MC.200 Sietta**

Macchi's **MC.200 Sietta** (the name refers to Jupiter's lightning bolts) was one of a number of Italian fighters that entered service just prior to the war. Like its contemporary the **G.50 Freccia**, it had modern features but lacked power. It was not until a more powerful engine was fitted to create the **MC.202 Folgore** that the airframe could compete with the Allies on even terms

*Remove Bomb rating and Drop Tanks ability before 1942*

**Variants**

This card also depicts the improved **MC.200CB**

WING LEADER

**G.50 bis Freccia**

Though Fiat's **G.50 Freccia** ('Arrow') was one of the Regia Aeronautica's most modern fighters on the eve of war, it was already inferior to British and German types. However, in the right hands the **G.50** could achieve success, and did so in the desperate fighting over the Western Desert.

*Remove Bomb rating before May 41*

**Variants**

**G.50** Initial production model, in service Jan 39

*Reduce Protection to 3*

WING LEADER

**CR.42 Falco**

Fiat's **CR.42** biplane was one of the most widely used Italian aircraft of the war. It reflected the pre-war consensus in Italy on the supremacy of aerobatic manoeuvrability. However, it suffered from a lack of speed and firepower, and was picked apart by faster, more heavily armed Allied aircraft. As a result, the Regia Aeronautica would gradually shift away from the **CR.42** to more modern monoplanes.

**Variants**

This card depicts all service variants including the improved **CR.42 bis** and the **J 11** in Swedish service

WING LEADER

**Yak-1**

The Soviet Union's best-performing fighter on the eve of the German invasion, the **Yak-1** suffered from poor manufacture and was only available in small quantities. However, quality improved and numbers of Yaks grew until it was one of the major types seen over the Eastern Front. Though outclassed by German fighters, the aircraft became the basis of a series of mass-produced Yakovlev fighters, such as the **Yak-7** and **Yak-9**.

**Variants**

**Yak-1B** Improved variant, in service Dec 42  
*Add Rear View ability*

WING LEADER

**LaGG-3**

Lavochkin, Gorbunov, and Gudkov's **LaGG-3** was a wooden fighter of modern design. The aircraft was underpowered, unpopular with pilots, and outclassed by the **Bf 109**. However, the desperate need for planes following the German invasion meant that by May 42 it was the most widely used fighter in Soviet service.

The addition of a more powerful radial engine would transform the inadequate **LaGG-3** into the superior **La-5**.

**Variants**

**LaGG-3-37** Up-gunned variant, in service Sep 42 in small numbers  
*Increase Firepower to 2*

WING LEADER

**IL-2 'Ilyusha'**

Built in greater numbers than any other military aircraft in history, Ilyushin's **IL-2** was designed from the start as a heavily armoured attack aircraft (or *Sturmovik*). The 'Ilyusha', in its definitive form as the two-seat **IL-2M**, would become the emblem of Soviet Frontal Aviation, at the forefront of the fight.

**Variants**

This card depicts the single-seater variant only

For the two-seat variant see the **IL-2M** card

WING LEADER

**SM.79-II Sparviero**

The Savoia-Marchetti **SM.79 Sparviero** ('Sparrowhawk') was a record-breaking pre-war bomber. During the war it served with distinction, both as a bomber and in torpedo attacks in the Mediterranean.

**Variants**

This card also depicts the **SM.79-I** production bomber, in service late 36, and the **SM.79-III** torpedo bomber

WING LEADER





Fighter

1VP

**Bf 109E-4 'Emil'**

Altitude	Speed	Turn	Climb	Bomb
12+	4	4	3	—
5 - 11	5	5	2	7
0 - 4	5	5	1	7

Firepower 1

Protection 4

Bombsight T

Germany Jun 40

v2.2



Fighter

1VP

**Bf 109F-2 'Friedrich'**

Altitude	Speed	Turn	Climb	Bomb
14+	4	4	3	—
6 - 13	5	5	2	7
0 - 5	5	5	1	7

Firepower 1

Protection 4

Bombsight T

Drop Tanks

Edge ▶

Germany Oct 40

v2.0



Fighter

1VP

**Bf 109F-4 'Friedrich'**

Altitude	Speed	Turn	Climb	Bomb
15+	5	5	3	—
6 - 14	6	6	2	7
0 - 5	6	6	1	7

Firepower 1

Protection 4

Bombsight T

Drop Tanks

Gun Pod

Germany Jun 41

v2.0



Fighter

1.5VP

**Bf 110C-4**

Altitude	Speed	Turn	Climb	Bomb
11+	4	3	3	—
3 - 10	5	4	2	9
0 - 2	5	4	1	9

Firepower 2

Protection 4-5

Bombsight T

Defence 0

Drop Tanks

Rear View

Germany Jul 40

v2.2



Fighter

1VP

**Fw 190A-2**

Altitude	Speed	Turn	Climb	Bomb
13+	5	5	3	—
5 - 12	6	6	2	—
0 - 4	6	6	1	—

Firepower 2

Protection 4

Bombsight T

Drop Tanks

Rear View

Germany Oct 41

v2.2



Light Bomber

2VP

**Do 17Z-2**

Altitude	Speed	Turn	Climb	Bomb
13+	2	2	S	—
3 - 12	3	3	2	9
0 - 2	3	3	1	9

Firepower 0

Protection 4-5 h

Bombsight V

Defence 0

Max Load 13

Germany Sep 39

v2.0



Medium Bomber

2VP

**Do 217E-2**

Altitude	Speed	Turn	Climb	Bomb
15+	3	3	S	—
2 - 14	4	4	2	19
0 - 1	4	4	1	19

Firepower 0

Protection 4-5 h

Bombsight G

Defence 0

Max Load 27

Speed Brakes

Germany Mar 41

v2.0



Medium Bomber

2VP

**He 111H-1**

Altitude	Speed	Turn	Climb	Bomb
12+	3	3	S	—
2 - 11	4	4	2	19
0 - 1	4	4	1	19

Firepower 0

Protection 4-5 h

Bombsight V

Defence 0

Max Load 25

Torpedo +1

Germany May 39

v2.0



**Bf 110C-4**

Messerschmitt's twin-engined **Bf 110** came out of a requirement for a heavily armed long-range fighter, or *Zerstörer*. In combat, it proved less agile than single-engined fighters, and was soon withdrawn from the front line. It would later find new careers as a fighter-bomber and night fighter.

**Variants**

**Bf 110C-1, C-2, C-3** Early versions of the C-series, in service Jan 39

*Remove Bomb rating; reduce Firepower to 1 and Protection to 4*

**Bf 110C-7** Fighter-bomber variant  
*Increase Bombs to 14*

*WING LEADER***Bf 109F-4 'Friedrich'**

Messerschmitt's **Bf 109F-4** was the definitive version of the 'Friedrich', with a more powerful engine and propeller that improved high-altitude performance. This was a fast and powerful fighter that was superior to Soviet aircraft and could hold its own against the British and Americans.

**Variants**

This card also depicts the **Bf 109F-4/R1** which could carry gun pods

*WING LEADER***Bf 109F-2 'Friedrich'**

Messerschmitt improved upon earlier versions of its **Bf 109** fighter with numerous aerodynamic refinements. The F-series was supposed to feature a more powerful engine, but this was not available in numbers at first. So the **F-2** version, with an older motor, became an important interim fighter until the appearance of the **Bf 109F-4**.

**Variants**

This card also depicts the early **Bf 109F-1** with alternative armament, built in small numbers

*WING LEADER***Bf 109E-4 'Emil'**

Messerschmitt's versatile interceptor built its reputation with the E-series in the great battles over France and Britain. The 'Emil' was a world-class fighter, being small, lightweight and fast. Its only flaw was its short range, but in spite of this it would form the backbone of the *Jagdwaaffe*.

**Variants**

**Bf 109E-1, E-3** Early variants, in service Feb 39

*Remove Bomb rating; reduce Firepower to 0 and Protection to 3*

**Bf 109E-7** Long-range variant capable of carrying additional fuel  
*Add Drop Tank ability*

*WING LEADER***He 111H-1**

A redesign of Heinkel's original **He 111** created the definitive version of the bomber, which despite encroaching obsolescence soldiered on almost to the end of the war.

**Variants**

This card depicts all the early H-series from the **H-1** to **H-10**

**He 111P-1** Daimler-Benz-engined version, depicting the **P-0** to **P-6**, in service late 38  
*Reduce Bombs to 13 and Protection to 4*

**He 111H-11** Improved 1942 version, depicts the series up to the **H-16** and **H-20**  
*Upgrade Bombsight to G; increase Firepower to 1/0 and Protection to 4-5*

*WING LEADER***Do 217E-2**

Though superficially resembling the **Do 17**, Dornier's **Do 217** was a completely new aircraft. Larger and faster than its predecessor, it boasted a very long range and a substantial payload, allowing it to compete with heavy bombers.

**Variants**

This card depicts all the E-series from the **E-1** to **E-5**; the **Do 217K** night-bomber and anti-shipping variant, in service Sep 42; and the **Do 217M** night bomber, in service Nov 43

*WING LEADER***Do 17Z-2**

Based on experience gained in Spain, Dornier substantially redesigned its fast bomber to create the mass-produced **Do 17Z**. However, its light bomb load and short range meant that production ended in 1940 in favour of the **Ju 88**. The type saw little service after the war's early years.

**Variants**

This card depicts the Z-series from the **Z-0** to **Z-5**, as well as the early radial-engined **Do 17M**

**Do 17P** Reconnaissance variant  
*Remove Bomb rating*

*WING LEADER***Fw 190A-2**

Focke-Wulf's radial-engine fighter came as a shock to the Allies, being blisteringly fast at low and medium altitudes, even if its performance dropped off at high altitude. The **Fw 190A** handled well and mounted a powerful gun battery. Its main opponent at the time of introduction was the **Spitfire Mk.VB**, which it clearly outclassed. For a while it tipped air superiority in northwest Europe in favour of the Germans.

**Variants**

This card also depicts the early-production **Fw 190A-1**, in service Jul 41 in small numbers only

*WING LEADER*





Dive Bomber

1VP



Ju 87B-1 'Stuka'

Altitude	Speed	Turn	Climb	Bomb
16+	2	2	S	—
2 - 15	3	3	2	9
0 - 1	3	3	1	9

Firepower 0      *Dive Brakes*  
 Protection 3-4  
 Bombsight T  
 Defence 0

Germany October 38

v2.0



Medium Bomber

2VP



Ju 88A-4

Altitude	Speed	Turn	Climb	Bomb
14+	3	3	S	—
3 - 13	4	4	2	16
0 - 2	4	4	1	16

Firepower 0      *Max Load 23*  
 Protection 4-5 h      *Speed Brakes*  
 Bombsight V      *Torpedo +1*  
 Defence 0

Germany Aug 40

v2.0



Fighter

1VP



Ki-43-la Hayabusa (Oscar)

Altitude	Speed	Turn	Climb	Bomb
10+	3	5	3	—
5 - 9	4	6	2	—
0 - 4	4	6	1	—

Firepower 0      *Drop Tanks*  
 Protection 3      *Rear View*  
 Bombsight T

Japan Jun 41

v2.2



Fighter

1VP



A6M2 'Zero' (Zeke)

Altitude	Speed	Turn	Climb	Bomb
11+	3	5	3	—
5 - 10	4	6	2	5
0 - 4	4	6	1	5

Firepower 1      *Drop Tanks*  
 Protection 3      *Edge ▶*  
 Bombsight T      *Rear View*

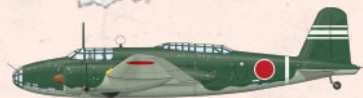
Japan Jul 40

v2.2



Medium Bomber

2VP



Ki-21-IIa (Sally)

Altitude	Speed	Turn	Climb	Bomb
18+	2	2	S	—
3 - 17	3	3	2	14
0 - 2	3	3	1	14

Firepower 0  
 Protection 4-5 h  
 Bombsight V  
 Defence 0

Japan Dec 40

v2.0



Medium Bomber

2VP



G4M1 'Rikkō' (Betty)

Altitude	Speed	Turn	Climb	Bomb
18+	2	2	S	—
3 - 17	3	3	2	14
0 - 2	3	3	1	14

Firepower 1      *Low Drag*  
 Protection 3-4      *Torpedo +1*  
 Bombsight V  
 Defence 0

Japan May 41

v2.0



Torpedo Bomber

1VP



B5N2 'Kankō' (Kate)

Altitude	Speed	Turn	Climb	Bomb
18+	2	2	S	—
3 - 17	3	3	2	9
0 - 2	3	3	1	9

Firepower 0      *Torpedo +1*  
 Protection 3  
 Bombsight T  
 Defence 0

Japan Mar 40

v2.0



Dive Bomber

1VP



D3A1 'Kanbaku' (Val)

Altitude	Speed	Turn	Climb	Bomb
18+	2	3	S	—
3 - 17	3	4	2	7
0 - 2	3	4	1	7

Firepower 0      *Dive Brakes*  
 Protection 3  
 Bombsight T  
 Defence 0

Japan Jan 40

v2.0





### A6M2 'Zero'

Allied Codename: Zeke

Mitsubishi's famous 'Zero' fighter reflected Naval pilots' desire for manoeuvrability and the Admirals' need for great range. A lightweight airframe granted both qualities, as well as respectable speed and climb rate. In the first year of war the A6M2 'Zero' held an edge over heavier, often underpowered opposition. However, after 1942 it would be eclipsed by faster, better-protected Allied fighters.

#### Variants

This card also depicts the improved A6M3

WING LEADER



### Ki-43-Ia Hayabusa

Allied Codename: Oscar

Like the Navy's A6M, the Japanese Army's Ki-43 Hayabusa ('Peregrine Falcon') squeezed the best performance out of its engine by mounting it in a light airframe with no armour. Its weapons lacked punch, but for the lack of a timely replacement, Nakajima's creation became the most widely used Army fighter of the war.

#### Variants

This card also depicts the Ki-43-Ib

**Ki-43-Ic** Up-gunned version, in service Oct 42 in small numbers

Increase Firepower to 1

WING LEADER



### Ju 88A-4

Designed by Junkers as a fast bomber, the Ju 88 was a true multi-role aircraft, serving in the strike, reconnaissance and even fighter roles. It was the most important twin-engined aircraft in Luftwaffe service and served right to the end of the war.

#### Variants

This card depicts the early A-series from the A-1, in service Sep 39, to A-5 and the A-10. The A-4 was the main production variant

**Ju 88A-14** Depicts the late A-series up to the A-17, in service 1942

Upgrade Bombsight to G

WING LEADER



### Ju 87B-1 'Stuka'

Icon of the early Blitzkrieg victories, the Junkers dive bomber was a potent precision weapon. However, the Battle of Britain revealed its vulnerability to fighters and it would soon be replaced by fighter-bombers.

#### Variants

This card also depicts the Ju 87B-2, named Picchiatello in Italian service

**Ju 87A** Early variant, in service Jan 38  
Reduce Bombs to 7 and Protection to 3

**Ju 87R** Long-range anti-ship variant. The R-series included the R-1, R-2 and R-4  
Reduce Bombs to 7; add Drop Tank ability

WING LEADER



### D3A1 'Kanbaku'

Allied Codename: Val

The Aichi D3A (or 'Type 99 Carrier Bomber', abbreviated as 'Kanbaku') was built to fill an Imperial Navy requirement for a carrier-based dive bomber. The resulting aircraft was manoeuvrable but lacked armour and carried a light payload. These deficiencies did not prevent the Kanbaku from racking up successes against Allied ships. After replacement by the D4Y Suisei it was relegated to a land-based role towards the end of the war.

#### Variants

This card also depicts the improved D3A2, in service late 42

WING LEADER



### B5N2 'Kankō'

Allied Codename: Kate

The B5N series (or 'Type 97 Carrier Attack Bomber', abbreviated as 'Kankō') was built by Nakajima to fulfil a need for a fast torpedo bomber. Its speed was achieved by keeping the aircraft unburdened by extra weight, such as armour.

Despite its near-obsolescence, the B5N2 saw success at Pearl Harbor and in the first year of war in the Pacific, before being replaced from 1943 onward.

#### Variants

This card also depicts the early B5N1 that saw service in China from late 38

WING LEADER



### G4M1 'Rikkō'

Allied Codename: Betty

Mitsubishi's G4M series (or 'Type 1 Land-based Attack Aircraft', abbreviated as 'Rikkō') was a long-range fast bomber for the Imperial Navy. Range was achieved at the expense of protection, which earned it a reputation for burning easily. However, this superlative bomber was a mainstay of the Navy's striking power up to the war's end.

#### Variants

This card also depicts the improved G4M2, in service mid-43

**G4M3** Late-war variant with additional protection, in service Oct 44

Increase Protection to 4-5

WING LEADER



### Ki-21-IIa

Allied Codename: Sally

The Mitsubishi Ki-21 (or 'Type 97 Heavy Bomber') was one of the Japanese Army's primary bombers. Dominant over China, the Ki-21 suffered serious casualties against the Western Allies, and so gradually shifted away from front-line service.

#### Variants

This card also depicts the improved Ki-21-IIb, in service mid-43

**Ki-21-Ia, -Ib, -Ic** Early-war variants, in service late 38

Reduce Protection to 3-4

WING LEADER





Fighter

1.5VP



## Whirlwind Mk.I

Altitude Speed Turn Climb Bomb

10+ 4 4 3 -

4 - 9 5 5 2 7

0 - 3 6 5 1 7

Firepower 3 Rear View  
 Protection 4-5  
 Bombsight T

Great Britain Jul 40

v1.0



Torpedo Bomber

1VP



## Swordfish Mk.I

Altitude Speed Turn Climb Bomb

10+ 0 1 S -

2 - 9 1 2 2 11

0 - 1 1 2 1 11

Firepower 0 Torpedo +1 Slow  
 Protection 3  
 Bombsight T  
 Defence 0

Great Britain Jul 36

v1.0



Transport

2VP



## Ju 52/3m

Altitude Speed Turn Climb Bomb

11+ 0 0 S -

2 - 10 1 1 2 9

0 - 1 1 1 1 9

Firepower 0  
 Protection 3-4  
 Bombsight T  
 Defence 0

Germany 1935

v1.0



Fighter

1VP



## La-5

Altitude Speed Turn Climb Bomb

12+ 4 4 3 -

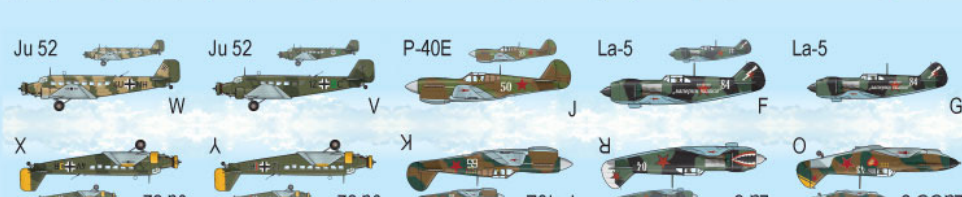
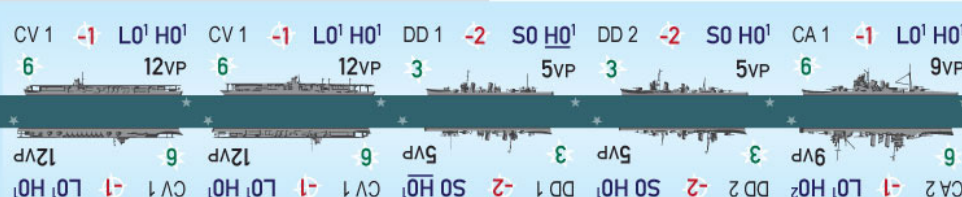
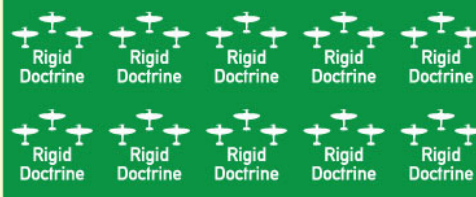
4 - 11 5 5 2 6

0 - 3 6 6 1 6

Firepower 2 ATGR 4  
 Protection 4  
 Bombsight T











Soviet Union Jul 42











v1.0









































Circling 	Circling 	Circling 	Defence Modifier +0	Defence Modifier +0	Wing Leader 	Wing Leader 	Experte 	Experte 	Experte 
Circling 	Circling 	Circling 	Defence Modifier -2	Defence Modifier -2	Wing Leader 	Wing Leader 	Experte 	Experte 	Experte 





















Loose Doctrine 	Loose Doctrine 	Loose Doctrine 	Loose Doctrine 	Loose Doctrine 
Loose Doctrine 	Loose Doctrine 	Loose Doctrine 	Loose Doctrine 	Loose Doctrine 

CAP 	CAP 	CAP 	CAP 	CAP 
CAP 	CAP 	CAP 	CAP 	CAP 

Hits 10 	Hits 8 	Hits 6 	Hits 4 	Hits 2 
Hits 8 	Hits 6 	Hits 4 	Hits 2 	Hits 12 

Parafrag Load -1 Spd/Trn 	Parafrag Load -1 Spd/Trn 	AT Pod AT Gun 5 -1 Spd/Trn 	AT Pod AT Gun 5 -1 Spd/Trn 
Parafrag Load -1 Spd/Trn 	Parafrag Load -1 Spd/Trn 	AT Pod AT Gun 5 -1 Spd/Trn 	AT Pod AT Gun 5 -1 Spd/Trn 

Bunker 7 	Supply 5VP 3 	SO 10VP 6 	Airfield 10VP 7 	S1 10VP 4 	Hvy Flak A 3VP 4 	HQ2 3VP 4 	Lt Flak A 2VP 7 	LO1 2VP 7 
10VP -1 	Bridge 12VP 0 	Factory 12VP 9 	Port 12VP 7 	HQ2 3VP 4 	Hvy Flak A 3VP 4 	Lt Flak A 2VP 7 	Lt Flak A 2VP 7 	Lt Flak A 2VP 7 
Lt Flak B 4 	L22 3VP 2 	Train 5VP 2 	Trucks 4VP 2 	Trucks 4VP 2 	Trucks 4VP 2 	Troops 3 	SO 2VP 7 	SO 2VP 7 
3VP 0 	Artillery 3VP 0 	Artillery 3VP 0 	Artillery 3VP 0 	Tanks 3VP 0 	Tanks 3VP 0 	Tanks 3VP 0 	Troops 3 	Troops 3 

La-5 G 	La-5 F 	P-40E J 	Ju 52 V 	Ju 52 W 
LaGG-3 O 	La-5 R 	P-40E K 	Ju 52 Y 	Ju 52 X 
Swordfish X 	Swordfish Y 	Whirlwind H 	Whirlwind O 	Hurricane J 
Swordfish Z 	Whirlwind G 	Whirlwind G 	Whirlwind G 	BF 109E J 

**Swordfish Mk.I**

Despite its obsolescent biplane configuration, Fairey Aviation's **Swordfish Mk.I** carved out a legendary reputation as a torpedo bomber in the early years of the war performing spectacular feats of arms such as the raid on Taranto. With the arrival of its replacement, the **Barracuda**, it spent the later years of the war doing less perilous anti-submarine work.

**Variants**

**Swordfish Mk.II** Improved variant, also depicts the radar-equipped anti-submarine **Mk.III**

Add **ATGR 8** ability

*Wing Leader***Whirlwind Mk.I**

Westland built the **Whirlwind** to meet a requirement for a cannon-armed heavy fighter. However, the advent of the cannon **Spitfire** and the more versatile **Beaufighter** rendered it redundant. Though of advanced design, the **Whirlwind** struggled for performance at high altitude and lacked the range for effective escort duty. Just two squadrons were deployed, operating as low-level ground-attack specialists before being withdrawn from service in 43.

**Variants**

This card also depicts the ground-attack **Whirlwind Mk.II**, nicknamed the 'Whirlbomber'

*Wing Leader***La-5**

The deficiencies of the **LaGG-3** had resulted in production being shut down in favour of Yakovlev fighters. Deprived of resources, Lavochkin improved his design by grafting a radial engine onto a **LaGG-3** airframe. The new fighter, designated **La-5**, soon proved itself to be superior, and was ordered into mass production. Though still at a disadvantage to the Germans, the **La-5** gave its pilots a fighting chance.

**Variants**

**La-5F** Variant with boosted engine, in service Jan 43

Add **Edge** ▶ ability

*Wing Leader***Ju 52/3m**

The Junkers **Ju 52** tri-motor was the iconic air transport of the Third Reich. Designed as an airliner, it was repurposed for military use by the resurgent Luftwaffe. It served briefly as a bomber until more modern bombers entered service, but it was best known as a troop and supply transport, in which role it served to the end of the war.

**Variants**

This card depicts all major variants of the **Ju 52**, including the early bomber versions

Many **Ju 52s** were unarmed and lacked bombs (no Bomb or Defence ratings). Such aircraft will be indicated by special rules

*Wing Leader*