

Table of Aerobatic Modifiers for Scramble.

These are used in conjunction with the Variable Pilot Skill Roll from the third Edition onwards.

AL is the Aerobatic Modifier in the Loaded state

AC is the modifier in the clean state.

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Australia	Commonwealth CA-1 Wirraway	1939/03	0	0	19	Y
Australia	Commonwealth CA-12 Boomerang Mk I/II	1942/11	1	1	38	N
Belgium	Renard R-38	1939	2	2	33	N
Czechoslovakia	Aero A.100	1933	0	1	22	N
Czechoslovakia	Aero A.101	1933	0	1	28	N
Czechoslovakia	Avia AV-135	1939/08	1	1	30	N
Czechoslovakia	Avia B-534	1937/07	2	2	25	N
Finland	Moerkoe Moraani	1941	1	1	31	N
Finland	V.L. Fokker D.XXI	1939/11	1	1	23	N
Finland	V.L. Myrsky II	1944	1	1	35	N
Finland	V.L. Pyoerremyrsky	1944	1	2	46	N
France	Amiot 143M	1935/05	-1	0	80	N
France	Arsenal VG-33	1942	1	1	31	N
France	Bleriot-SPAD S.510C.1	1937/04	1	1	19	N
France	Bloch 131 RB4	1938	-1	0	62	N
France	Bloch 210 BN5	1934	-2	-1	70	Y
France	Bloch MB-151C.1 (MG)	1938/11	1	1	29	Y
France	Bloch MB-151C.1 (MG/20)	1939/04	1	1	31	N
France	Bloch MB-152C.1 (MG)	1939/09	1	1	31	N
France	Bloch MB-152C.1 (MG/20)	1939/09	1	1	33	Y
France	Bloch MB-155 (MG)	1940/05	1	1	33	Y
France	Bloch MB-155 (MG/cannon)	1940/05	1	1	34	N
France	Bloch MB-157	1943/03	2	2	52	N
France	Bloch MB-174 A3	1940/03	-1	0	72	N
France	Breguet 521 Bizerte	1938	-1	-1	92	N
France	Breguet 693 AB2	1940/04	0	0	51	N
France	Breguet Bre.19	1924/10	0	1	18	N
France	Caudron C.714	1940/01	1	1	16	N
France	Caudron-Renault C.R.760	1940	2	2	24	N
France	Caudron-Renault C.R.770	1940	1	1	29	N
France	Dewoitine D.371C.1	1935	1	1	24	N
France	Dewoitine D.372	1935	1	1	24	N
France	Dewoitine D.501C.1	1934	0	0	23	N
France	Dewoitine D.510C.1	1934	1	1	23	N
France	Dewoitine D.520C.1	1940/03	1	1	32	Y
France	Farman F.222.2	1938	-1	0	202	N
France	Gourdou-Leseurre GL.810	1931	0	0	13	N
France	Gourdou-Leseurre GL.832Hy	1939	0	0	7	N
France	Hanriot H.438	1928	0	0	8	N
France	Latecoere 29.O	1935	0	0	23	N
France	Latecoere 298D	1939	-1	-1	29	N
France	Latecoere 611	1939	-2	-2	212	N
France	Liore et Olivier LeO 451 B4	1939/09	-1	-1	110	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
France	Loire 130M	1936	0	0	20	N
France	Loire-Nieuport LN.46 C1	1936	0	0	23	N
France	Loire-Nieuport LN410	1938	0	0	25	Y
France	Morane-Saulnier M.S. 406 C1	1939/04	1	1	27	Y
France	Morane-Saulnier M.S. 410	1939/04	1	1	28	Y
France	Nieuport-Delage Ni-D.52	1926	1	1	16	N
France	Nieuport-Delage Ni-D.626	1926	1	1	15	N
France	Potez 25	1926	1	1	14	N
France	Potez 39	1934	0	0	20	N
France	Potez 540	1934	0	0	48	N
France	Potez 63.11	1939/11	0	0	42	Y
France	Potez 63.11 (refit)	1940/05	0	0	45	N
France	Potez 631 C3	1936/05	1	1	44	N
France	Potez 633 B2	1938/02	1	1	36	Y
Germany	Arado Ar 196A-3	1939	0	0	34	N
Germany	Arado Ar 232B-0 (transport)	1942	-3	-3	244	N
Germany	Arado Ar 232B-0 (unladen)	1942	-2	-2	152	N
Germany	Arado Ar 234B-2	1944/10	-1	0	80	N
Germany	Arado Ar 240A-0	1942/12	-1	-1	77	N
Germany	Arado Ar 240C-0	1943/07	-2	-2	124	N
Germany	Bachem Ba 349A Natter	1945/02	-1	0	31	Y
Germany	Blohm und Voss Bv 138C-1	1940/06	-2	-2	128	N
Germany	Blohm und Voss Bv 222C Wiking (transport)	1942/05	-4	-4	645	N
Germany	Blohm und Voss Bv 222C Wiking (unladen)	1942/05	-4	-4	406	N
Germany	Blohm und Voss Bv 40 (glider)	1944/05	5	5	25	N
Germany	DFS 230A-1 (glider)	1938	1	1	10	N
Germany	Dornier Do 17E-1	1937	-1	-1	44	N
Germany	Dornier Do 17F-1	1937	0	0	46	N
Germany	Dornier Do 17Z-10 Kauz II	1940/10	0	0	80	Y
Germany	Dornier Do 17Z-2	1938/11	0	0	70	N
Germany	Dornier Do 18D-1	1936	0	0	50	N
Germany	Dornier Do 18G-1	1938/09	0	0	67	N
Germany	Dornier Do 215B-4	1940/01	0	0	84	Y
Germany	Dornier Do 215B-5 Kauz III	1941/04	1	1	85	N
Germany	Dornier Do 217E-2	1940/12	-3	-1	163	Y
Germany	Dornier Do 217J-2	1943/01	-1	-1	138	N
Germany	Dornier Do 217K-1/R-10	1943	-3	-2	165	N
Germany	Dornier Do 217K-2	1943	-3	-2	180	N
Germany	Dornier Do 217M-1	1942/10	-3	-1	166	N
Germany	Dornier Do 217M-1 (FX)	1943	-4	-2	184	N
Germany	Dornier Do 217M-1 (Hs)	1943	-4	-2	184	N
Germany	Dornier Do 217N-2	1943/06	-2	-2	132	Y
Germany	Dornier Do 22	1938	0	0	36	N
Germany	Dornier Do 24T-1	1939	-1	-1	97	N
Germany	Dornier Do 335A-1	1945/01	-1	0	119	Y
Germany	Dornier Do 335B-2	1945/01	0	0	131	N
Germany	Fieseler Fi 103 (V-1)	1944/06	0	0	50	Y
Germany	Fieseler Fi 156C-2 Storch	1937	0	0	7	N
Germany	Fieseler Fi 167A-0	1940/06	0	1	35	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Germany	Flettner FI 282 "Kolibri"	1941/01	1	1	5	N
Germany	Focke-Achgelis Fa 223 Drache	1943/06	1	1	25	N
Germany	Focke-Wulf Fw 187A-0 "Falke"	1940/01	0	0	50	N
Germany	Focke-Wulf Fw 189A-2 Eule	1941/06	0	0	32	N
Germany	Focke-Wulf Fw 190A-1	1941/08	1	1	45	Y
Germany	Focke-Wulf Fw 190A-2	1942	1	1	49	N
Germany	Focke-Wulf Fw 190A-3	1941/08	1	1	53	N
Germany	Focke-Wulf Fw 190A-3/U1	1941/08	0	1	49	N
Germany	Focke-Wulf Fw 190A-4	1942/06	1	1	61	N
Germany	Focke-Wulf Fw 190A-4/R6	1943	1	1	65	Y
Germany	Focke-Wulf Fw 190A-4/U1	1942/06	0	1	51	N
Germany	Focke-Wulf Fw 190A-5/R6	1943	1	1	65	N
Germany	Focke-Wulf Fw 190A-5/U8	1943	1	1	54	N
Germany	Focke-Wulf Fw 190A-6	1943/09	1	1	61	N
Germany	Focke-Wulf Fw 190A-7	1943/09	1	1	62	N
Germany	Focke-Wulf Fw 190A-8	1943/11	1	1	62	N
Germany	Focke-Wulf Fw 190D-9	1944/05	0	1	57	N
Germany	Focke-Wulf Fw 190F-2	1943	1	1	61	N
Germany	Focke-Wulf Fw 190F-3	1943	-1	0	54	N
Germany	Focke-Wulf Fw 190F-8 (PzB)	1944	0	0	86	Y
Germany	Focke-Wulf Fw 190F-8 (R4M)	1943	0	0	63	Y
Germany	Focke-Wulf Fw 190F-8 (WfrGr21)	1943	0	0	66	N
Germany	Focke-Wulf Fw 190F-9	1944	0	0	57	N
Germany	Focke-Wulf Fw 190G-1	1942/11	0	0	48	N
Germany	Focke-Wulf Fw 200C-1	1939/06	-3	-2	155	Y
Germany	Focke-Wulf Fw 200C-3/U4	1941/06	-3	-2	204	N
Germany	Focke-Wulf Ta 152C-3	1945/01	1	1	76	Y
Germany	Focke-Wulf Ta 152H-1	1944/05	1	1	83	N
Germany	Focke-Wulf Ta 154A-1	1945/01	-1	-1	105	N
Germany	Gotha Go 229A-0	1945	4	4	120	Y
Germany	Gotha Go 242A-1 (glider)	1942/03	-1	-1	50	N
Germany	Heinkel He 100D-1	1939/01	2	2	38	N
Germany	Heinkel He 111B-2	1936	0	0	81	N
Germany	Heinkel He 111H-1	1939/06	-1	0	106	N
Germany	Heinkel He 111H-16	1940	-1	-1	151	Y
Germany	Heinkel He 111H-2	1939/06	-1	0	114	N
Germany	Heinkel He 111H-3	1939/06	-1	-1	143	Y
Germany	Heinkel He 111H-6	1941/10	-1	0	125	Y
Germany	Heinkel He 112B-0	1938/03	2	2	27	N
Germany	Heinkel He 112B-1	1938/03	2	2	27	N
Germany	Heinkel He 114A-2	1939	1	1	28	N
Germany	Heinkel He 115A-2	1939/06	-1	-1	73	N
Germany	Heinkel He 115C-1	1939/06	-1	-1	87	N
Germany	Heinkel He 162A-1 Volksjaeger	1945	4	4	41	Y
Germany	Heinkel He 162A-2 Volksjaeger	1945	4	4	39	N
Germany	Heinkel He 177A-1	1942/03	-5	-3	307	N
Germany	Heinkel He 177A-5/R2	1944	-4	-3	277	Y
Germany	Heinkel He 177A-5/R6	1944	-4	-3	283	N
Germany	Heinkel He 219A-0	1943/06	-2	-2	141	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Germany	Heinkel He 219A-2/R1 Uhu	1943	-3	-3	144	N
Germany	Heinkel He 219A-2/R2/3 Uhu	1943	-3	-3	160	Y
Germany	Heinkel He 219A-2/R4 Uhu	1943	-3	-3	152	N
Germany	Heinkel He 219A-5	1943/10	-2	-2	149	N
Germany	Heinkel He 219A-6	1943	-3	-3	132	N
Germany	Heinkel He 219A-7/R1 Uhu	1943/10	-3	-3	177	N
Germany	Heinkel He 219A-7/R2 Uhu	1943/10	-3	-3	185	N
Germany	Heinkel He 219A-7/R3 Uhu	1943/10	-3	-3	177	N
Germany	Heinkel He 219A-7/R4 Uhu	1943/10	-3	-3	156	N
Germany	Heinkel He 280	1943	3	3	74	N
Germany	Heinkel He 45C	1933	0	1	22	N
Germany	Heinkel He 46C	1934	0	0	18	N
Germany	Heinkel He 51A / B	1935/04	1	1	21	N
Germany	Heinkel He 51C-1	1936/11	1	1	21	N
Germany	Heinkel He 59B-2	1935/06	0	0	54	N
Germany	Heinkel He 60C-1	1935	0	0	23	N
Germany	Heinkel He 70F-2 Blitz	1934	1	1	25	N
Germany	Henschel Hs 123A-1	1936/06	1	1	20	Y
Germany	Henschel Hs 126B-1	1938	1	1	25	Y
Germany	Henschel Hs 129B-2	1942/04	-1	-1	48	Y
Germany	Henschel Hs 129B-2 (Atk)	1942/04	-1	-1	56	N
Germany	Henschel Hs 129B-2 (MG)	1942/04	-1	-1	50	N
Germany	Henschel Hs 129B-3/Wa	1942/04	-1	-1	75	N
Germany	Junkers Ju 188A-2	1943/05	-4	-3	152	Y
Germany	Junkers Ju 188D-2	1943/05	-2	-2	114	N
Germany	Junkers Ju 188E-1	1943/05	-4	-3	148	N
Germany	Junkers Ju 290A-5	1943/04	-4	-4	409	N
Germany	Junkers Ju 388J-1	1945	-1	-1	146	N
Germany	Junkers Ju 52/3m g3e	1934/11	0	0	67	N
Germany	Junkers Ju 52/3m g5e (See) (transport)	1940	-1	-1	79	N
Germany	Junkers Ju 52/3m g5e (See) (unladen)	1940	0	0	67	N
Germany	Junkers Ju 52/3m g7e (transport)	1939	0	0	69	Y
Germany	Junkers Ju 52/3m g7e (unladen)	1939	0	0	68	N
Germany	Junkers Ju 86K-6	1936/09	0	0	60	N
Germany	Junkers Ju 86Z	1936/09	0	0	58	N
Germany	Junkers Ju 87A-2	1937/06	0	0	28	N
Germany	Junkers Ju 87B-1	1939/04	0	0	35	N
Germany	Junkers Ju 87B-2	1939/04	0	0	36	Y
Germany	Junkers Ju 87D-1	1941/11	-2	0	49	Y
Germany	Junkers Ju 87G-1	1942/06	-1	-1	52	Y
Germany	Junkers Ju 87R-1	1939/04	0	0	35	N
Germany	Junkers Ju 88A-1	1939/08	-2	-1	95	N
Germany	Junkers Ju 88A-13	1942	-3	-3	142	N
Germany	Junkers Ju 88A-14	1941	-4	-3	155	N
Germany	Junkers Ju 88A-15	1942	-4	-3	152	Y
Germany	Junkers Ju 88A-17	1941	-3	-3	134	N
Germany	Junkers Ju 88A-4	1940/06	-4	-3	148	Y
Germany	Junkers Ju 88A-5	1940/06	-2	-1	92	N
Germany	Junkers Ju 88C-2	1940/10	-1	-1	88	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Germany	Junkers Ju 88C-6a	1943/10	-2	-2	98	Y
Germany	Junkers Ju 88C-6b	1943/10	-2	-2	98	N
Germany	Junkers Ju 88C-6c	1943/10	-2	-2	109	N
Germany	Junkers Ju 88D-1	1940	-2	-2	89	N
Germany	Junkers Ju 88G-1	1943	-1	-1	133	N
Germany	Junkers Ju 88G-4	1943	-1	-1	144	N
Germany	Junkers Ju 88G-6b	1944	-1	-1	144	N
Germany	Junkers Ju 88G-7b	1944/06	-4	-4	160	N
Germany	Junkers Mistel I (Ju 88A-4)	1944	-4	-4	126	N
Germany	Junkers W 34 (K43)	1927	1	1	20	N
Germany	Messerschmitt Bf 109B-1	1937/05	1	1	22	N
Germany	Messerschmitt Bf 109B-2	1937/05	1	1	22	N
Germany	Messerschmitt Bf 109C-1	1938/03	1	1	24	N
Germany	Messerschmitt Bf 109C-2	1938/03	1	1	23	N
Germany	Messerschmitt Bf 109D-1	1938/05	1	1	32	N
Germany	Messerschmitt Bf 109E-1	1938/11	1	1	34	Y
Germany	Messerschmitt Bf 109E-3	1938/11	1	1	36	Y
Germany	Messerschmitt Bf 109E-4	1939/02	1	1	37	N
Germany	Messerschmitt Bf 109E-7	1939/02	1	1	37	N
Germany	Messerschmitt Bf 109F-1	1941/01	0	0	39	N
Germany	Messerschmitt Bf 109F-2	1941/01	0	0	38	Y
Germany	Messerschmitt Bf 109F-3	1942/02	0	0	39	N
Germany	Messerschmitt Bf 109F-4	1942/03	0	0	40	N
Germany	Messerschmitt Bf 109G-1	1941/07	2	2	45	N
Germany	Messerschmitt Bf 109G-1/Trop	1941/07	2	2	46	Y
Germany	Messerschmitt Bf 109G-10/R1	1944	2	2	50	N
Germany	Messerschmitt Bf 109G-2/3/4	1943/07	2	2	45	N
Germany	Messerschmitt Bf 109G-6	1942/10	2	2	47	Y
Germany	Messerschmitt Bf 109G-6/R1	1942/10	1	2	43	N
Germany	Messerschmitt Bf 109G-6/R2	1942/10	1	2	46	N
Germany	Messerschmitt Bf 109G-6/R4	1942/10	2	2	47	N
Germany	Messerschmitt Bf 109G-6/R6	1942/10	2	2	51	N
Germany	Messerschmitt Bf 109K-2/K-4	1944/10	2	2	46	N
Germany	Messerschmitt Bf 109K-6	1944/10	2	2	51	N
Germany	Messerschmitt Bf 110C-1/C-2	1939/09	0	0	68	Y
Germany	Messerschmitt Bf 110C-4	1940/01	0	0	73	N
Germany	Messerschmitt Bf 110C-6	1940/10	0	0	78	N
Germany	Messerschmitt Bf 110D-3	1940/01	-1	0	73	N
Germany	Messerschmitt Bf 110E-1/U1	1941	-1	-1	79	Y
Germany	Messerschmitt Bf 110F-2	1943/01	-1	-1	94	Y
Germany	Messerschmitt Bf 110F-4	1943/01	-1	-1	95	N
Germany	Messerschmitt Bf 110F-4/U1	1943/01	-1	-1	95	N
Germany	Messerschmitt Bf 110G-4b/R3	1943	0	0	100	N
Germany	Messerschmitt Me 163B-1a Komet	1944/05	4	5	56	Y
Germany	Messerschmitt Me 163Ba-1 Komet	1944/05	4	5	54	N
Germany	Messerschmitt Me 209-II	1945	1	1	63	N
Germany	Messerschmitt Me 210A-1	1942	-2	-2	103	N
Germany	Messerschmitt Me 262A-1a	1944/10	2	2	88	Y
Germany	Messerschmitt Me 262A-1b	1944/10	1	2	102	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Germany	Messerschmitt Me 262A-2a	1944/10	1	2	88	N
Germany	Messerschmitt Me 262B-1a/U1	1944/10	2	2	87	N
Germany	Messerschmitt Me 263A-1	1945	5	5	55	N
Germany	Messerschmitt Me 309 (Heavy)	1944	2	2	58	N
Germany	Messerschmitt Me 309 (Light)	1944	2	2	53	N
Germany	Messerschmitt Me 323D-2 (transport)	1942/10	-5	-5	657	Y
Germany	Messerschmitt Me 323D-2 (unladen)	1942/10	-4	-4	221	N
Germany	Messerschmitt Me 323E-2 (transport)	1942/10	-5	-5	772	N
Germany	Messerschmitt Me 323E-2 (unladen)	1942/10	-4	-4	343	N
Germany	Messerschmitt Me 410A-1/U2	1943/01	-2	-2	128	Y
Germany	Messerschmitt Me 410A-1/U4	1943/01	-2	-2	134	N
Great Britain	Airspeed AS.51 Horsa Mk I (glider)	1943/07	-1	-1	42	Y
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk I	1937/03	-1	0	76	N
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk II	1938/01	0	0	83	N
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk III	1938/01	0	0	86	N
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk IV	1938/11	0	0	106	N
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk V	1939/08	-1	0	133	Y
Great Britain	Armstrong Whitworth A.W.38 Whitley B.Mk VII	1941	-2	-1	135	N
Great Britain	Armstrong Whitworth A.W.41 Albemarle Mk V	1943	-2	-2	104	N
Great Britain	Avro 652A Anson GR.Mk I	1936/01	0	0	25	Y
Great Britain	Avro 679 Manchester B.Mk I / IA	1940/11	-3	-2	231	N
Great Britain	Avro 683 Lancaster B.Mk I	1942/03	-5	-3	358	N
Great Britain	Avro 683 Lancaster B.Mk I (Special)	1943/08	-6	-3	368	N
Great Britain	Avro 683 Lancaster B.Mk II	1942/03	-4	-3	296	N
Great Britain	Avro 683 Lancaster B.Mk III	1943	-5	-3	342	Y
Great Britain	Avro 683 Lancaster B.Mk III (Dambuster)	1943	-5	-3	280	N
Great Britain	Blackburn B-24 Skua II	1938/11	0	0	27	N
Great Britain	Blackburn B-25 Roc	1939/04	-1	0	29	N
Great Britain	Blackburn B.37 Firebrand Mk.I	1943/03	0	0	79	N
Great Britain	Blackburn B.37 Firebrand Mk.II	1943/03	0	0	83	N
Great Britain	Blackburn B.37 Firebrand Mk.III	1945	0	0	79	N
Great Britain	Blackburn B.37 Firebrand Mk.IV	1945	-1	0	165	N
Great Britain	Blackburn Ripon Mk IIF	1929/08	0	1	19	N
Great Britain	Boulton-Paul P.82 Defiant F.Mk I	1940/05	1	1	35	N
Great Britain	Boulton-Paul P.82 Defiant F.Mk II	1940/05	1	1	39	N
Great Britain	Boulton-Paul P.82 Defiant NF.Mk IA	1940/05	1	1	35	Y
Great Britain	Bristol 130 Bombay Mk I	1939/09	0	0	82	N
Great Britain	Bristol 142M Blenheim Mk I	1936/11	0	1	48	Y
Great Britain	Bristol 142M Blenheim Mk IF	1938/11	1	1	52	Y
Great Britain	Bristol 149 Blenheim Mk IV	1938/11	0	0	56	Y
Great Britain	Bristol 149 Blenheim Mk IVF	1940/03	0	0	56	Y
Great Britain	Bristol 152 Beaufort Mk I	1939/10	-1	-1	81	N
Great Britain	Bristol 152 Beaufort Mk II	1941	-1	-1	76	Y
Great Britain	Bristol 152 Beaufort Mk VII	1943	-1	-1	79	N
Great Britain	Bristol 156 Beaufighter Mk IC	1943	-1	-1	101	N
Great Britain	Bristol 156 Beaufighter Mk IF	1940/07	-1	-1	105	Y
Great Britain	Bristol 156 Beaufighter Mk IIF	1941/04	0	0	100	N
Great Britain	Bristol 156 Beaufighter Mk VIC	1942/02	-1	0	161	Y
Great Britain	Bristol 156 Beaufighter Mk VIF	1942	0	0	113	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Great Britain	Bristol 156 Beaufighter TF.Mk X (Bo)	1942	-2	-1	116	N
Great Britain	Bristol 156 Beaufighter TF.Mk X (Ro)	1942	-2	-1	175	N
Great Britain	Bristol 160 Blenheim Mk V	1942/06	-1	-1	57	N
Great Britain	Bristol Bulldog Mk IIA	1929/06	2	2	16	N
Great Britain	de Havilland D.H.89M Dragon Rapide	1935/12	0	0	13	N
Great Britain	de Havilland DH.100 Vampire	1945/04	3	3	72	N
Great Britain	de Havilland DH.98 Mosquito B.Mk IV	1941/11	-1	0	83	N
Great Britain	de Havilland DH.98 Mosquito B.Mk IX	1943	-1	0	96	Y
Great Britain	de Havilland DH.98 Mosquito B.Mk XVI	1944	-1	0	106	N
Great Britain	de Havilland DH.98 Mosquito F.B. Mk XVIII (Bo)	1944/03	0	0	126	N
Great Britain	de Havilland DH.98 Mosquito F.B. Mk XVIII (Ro)	1944/03	0	0	178	Y
Great Britain	de Havilland DH.98 Mosquito F.B.Mk VI	1943/05	-1	0	163	N
Great Britain	de Havilland DH.98 Mosquito NF.Mk 30	1944/03	0	0	113	N
Great Britain	de Havilland DH.98 Mosquito NF.Mk II	1942/01	0	0	103	N
Great Britain	de Havilland DH.98 Mosquito NF.Mk XII	1942/01	0	0	103	Y
Great Britain	de Havilland DH.98 Mosquito NF.Mk XIII	1943	0	0	97	N
Great Britain	de Havilland DH.98 Mosquito NF.Mk XIX	1944/05	0	0	101	N
Great Britain	de Havilland DH.98 Mosquito PR.Mk IV	1941/11	0	0	79	N
Great Britain	de Havilland DH.98 Mosquito PR.Mk XVI	1943/07	0	0	85	N
Great Britain	Fairey Albacore Mk I	1940/03	0	0	35	N
Great Britain	Fairey Barracuda Mk I	1942/02	-1	-1	40	N
Great Britain	Fairey Barracuda Mk II	1943/01	-1	-1	46	N
Great Britain	Fairey Barracuda Mk III	1944	-1	-1	48	N
Great Britain	Fairey Battle Mk I	1937/03	0	0	34	N
Great Britain	Fairey Battle Mk III	1937/03	0	0	40	Y
Great Britain	Fairey Firefly F.Mk I	1943/10	0	0	64	Y
Great Britain	Fairey Fulmar Mk I	1940/06	1	1	42	Y
Great Britain	Fairey Fulmar Mk II (HMG)	1941/01	1	1	45	N
Great Britain	Fairey Fulmar Mk II (MG)	1941/01	1	1	45	N
Great Britain	Fairey Gordon Mk I	1931/04	0	1	17	N
Great Britain	Fairey III F	1926	0	0	17	N
Great Britain	Fairey Seal	1933	0	0	17	N
Great Britain	Fairey Swordfish Mk I	1936/02	1	1	22	N
Great Britain	Fairey Swordfish Mk II	1936/02	1	1	43	Y
Great Britain	General Aircraft GAL.49 Hamilcar (glider)	1944/06	-1	-1	207	N
Great Britain	Gloster Gauntlet Mk II	1935/05	2	2	17	N
Great Britain	Gloster Gladiator Mk I	1937/03	2	2	25	Y
Great Britain	Gloster Gladiator Mk II	1938	2	2	25	N
Great Britain	Gloster Meteor F.Mk I	1944/08	2	2	74	N
Great Britain	Gloster Meteor F.Mk III	1944/08	3	3	98	Y
Great Britain	Handley Page Halifax B.Mk I	1940/11	-5	-3	307	N
Great Britain	Handley Page Halifax B.Mk II	1940/11	-5	-3	307	N
Great Britain	Handley Page Halifax B.Mk III	1943/07	-5	-3	319	Y
Great Britain	Handley Page Hampden B.Mk I	1938/05	-1	0	78	Y
Great Britain	Hawker Fury (Centaurus)	1945	1	2	113	N
Great Britain	Hawker Fury (Sabre)	1945	1	2	88	N
Great Britain	Hawker Fury Mk II	1931/05	1	1	17	N
Great Britain	Hawker Hardy Mk I	1934/10	1	1	16	N
Great Britain	Hawker Hart	1930/01	1	1	15	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Great Britain	Hawker Hurricane Mk I	1937/10	1	1	35	Y
Great Britain	Hawker Hurricane Mk IIA	1940/09	1	1	42	Y
Great Britain	Hawker Hurricane Mk IIB	1941/10	1	1	44	N
Great Britain	Hawker Hurricane Mk IIC	1941/10	1	1	44	N
Great Britain	Hawker Hurricane Mk IID	1942/06	1	1	44	N
Great Britain	Hawker Hurricane Mk IV (ATG)	1943	1	1	48	Y
Great Britain	Hawker Hurricane Mk IV (FB)	1943	1	1	42	N
Great Britain	Hawker Hurricane Mk IV (Rockets)	1943	1	1	51	N
Great Britain	Hawker Nimrod	1932/06	1	1	17	N
Great Britain	Hawker Sea Hurricane Mk IIC	1941	1	1	50	N
Great Britain	Hawker Tempest Mk II	1945	1	1	80	N
Great Britain	Hawker Tempest Mk V	1944/01	1	1	77	Y
Great Britain	Hawker Typhoon Mk IA	1941/09	1	1	71	N
Great Britain	Hawker Typhoon Mk IB	1941/09	1	1	110	Y
Great Britain	Saro A.27 London	1938	0	0	61	N
Great Britain	Short S.25 Sunderland Mk I	1938/08	-2	-2	147	Y
Great Britain	Short S.25 Sunderland Mk II	1941/08	-2	-2	147	N
Great Britain	Short S.25 Sunderland Mk III	1942/06	-2	-2	159	N
Great Britain	Short S.29 Stirling B.Mk I	1940/08	-5	-4	376	N
Great Britain	Short S.29 Stirling B.Mk III	1940/08	-5	-3	392	Y
Great Britain	Supermarine Seafire F.Mk IB	1940/08	2	2	39	N
Great Britain	Supermarine Seafire F.Mk III	1942/06	1	1	44	Y
Great Britain	Supermarine Spitfire F.Mk IA	1938/08	2	2	37	N
Great Britain	Supermarine Spitfire F.Mk IB	1940/08	2	2	39	Y
Great Britain	Supermarine Spitfire F.Mk IIA	1940/12	2	2	39	N
Great Britain	Supermarine Spitfire F.Mk IIB	1940/12	2	2	40	N
Great Britain	Supermarine Spitfire F.Mk IX	1942/07	2	2	51	Y
Great Britain	Supermarine Spitfire F.Mk IX (FB)	1942/07	2	2	51	N
Great Britain	Supermarine Spitfire F.Mk IXE	1942/07	2	2	50	Y
Great Britain	Supermarine Spitfire F.Mk VA	1941/03	2	2	43	N
Great Britain	Supermarine Spitfire F.Mk VB	1941/03	2	2	44	N
Great Britain	Supermarine Spitfire F.Mk VB (20)	1941/09	2	2	48	N
Great Britain	Supermarine Spitfire F.Mk VB (MG)	1941/09	2	2	45	N
Great Britain	Supermarine Spitfire F.Mk VB (MG/20)	1941/09	2	2	46	N
Great Britain	Supermarine Spitfire F.Mk VC	1941/03	2	2	45	Y
Great Britain	Supermarine Spitfire F.Mk VIII (20)	1943/08	2	2	50	N
Great Britain	Supermarine Spitfire F.Mk VIII (20/MG)	1943/08	2	2	50	Y
Great Britain	Supermarine Spitfire F.Mk XII	1942	2	2	52	N
Great Britain	Supermarine Spitfire F.Mk XIV	1944/01	1	1	68	Y
Great Britain	Supermarine Spitfire LF.Mk VC	1942	2	2	40	N
Great Britain	Supermarine Walrus	1936	0	0	23	Y
Great Britain	Vickers 132 Vildebeest Mk I	1933/04	1	1	20	N
Great Britain	Vickers 132 Vildebeest Mk IV	1933/04	1	1	24	Y
Great Britain	Vickers 246 Wellesley Mk I	1937/04	1	1	35	Y
Great Britain	Vickers 264 Valentia Mk I	1934/05	0	0	51	N
Great Britain	Vickers 266 Vincent Mk I	1934	1	1	20	N
Great Britain	Vickers 271 Wellington B.Mk IA	1939/09	-2	-2	110	N
Great Britain	Vickers 271 Wellington B.Mk IC	1938/10	-2	-1	105	N
Great Britain	Vickers 271 Wellington B.Mk II	1940	-2	-1	105	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Great Britain	Vickers 271 Wellington B.Mk III	1942	-2	-2	122	Y
Great Britain	Vickers 271 Wellington GR.Mk VIII	1942/03	-3	-2	98	N
Great Britain	Westland Lysander Mk I	1938/06	0	0	22	N
Great Britain	Westland Wapiti Mk VIII	1928/08	1	1	15	N
Great Britain	Westland Whirlwind Mk I	1940/07	-1	0	57	Y
Italy	Ambrosini S.A.I. 207	1943	2	2	30	N
Italy	Ambrosini S.A.I. 403 Dardo	1943	2	2	32	N
Italy	Breda Ba 65/K-14	1937	0	1	26	N
Italy	Breda Ba 65bis	1938	0	0	30	N
Italy	Breda Ba-88 Lince	1940	-1	-1	58	N
Italy	CANT Z.1007bis	1939/01	-2	-1	124	Y
Italy	CANT Z.1007ter	1942/11	-2	-1	128	N
Italy	CANT Z.501 Gabbiano	1936	-1	0	37	N
Italy	CANT Z.506 B	1937/12	-2	-1	106	N
Italy	Caproni Bergamasca AP.1	1935	1	1	25	N
Italy	Caproni Bergamasca Ca 310 Libeccio	1938	0	0	40	N
Italy	Caproni Bergamasca Ca 311M Libeccio	1940	-1	0	44	N
Italy	Caproni Bergamasca Ca 313RPB.2 Libeccio	1941	0	0	56	N
Italy	Caproni Bergamasca Ca 314A Libeccio	1941	-1	-1	54	N
Italy	Caproni Ca.101	1928	-1	-1	24	N
Italy	Caproni Ca.111bis RC	1934	0	0	35	N
Italy	Caproni Ca.331b Raffica	1943	0	0	71	N
Italy	Caproni-Vizzola F.2	1940	1	1	26	N
Italy	Caproni-Vizzola F.6M	1943	0	0	45	N
Italy	Fiat BR.20	1936/09	0	0	86	Y
Italy	Fiat BR.20M	1940/02	-1	0	93	N
Italy	Fiat CR.20bis	1927	1	1	10	N
Italy	Fiat CR.30	1934	1	1	18	N
Italy	Fiat CR.32	1933/08	1	1	19	N
Italy	Fiat CR.32 bis	1936/08	1	1	20	N
Italy	Fiat CR.32 quater	1936/08	1	1	20	N
Italy	Fiat CR.42	1939/11	1	2	26	Y
Italy	Fiat CR.42 bis	1939/11	1	2	25	N
Italy	Fiat CR.42 ter	1939/11	1	2	27	N
Italy	Fiat G.50	1938/01	1	1	24	Y
Italy	Fiat G.50 bis	1938/01	1	1	28	N
Italy	Fiat G.55 Centauro	1943/02	1	1	50	N
Italy	Fiat R.S.14	1938	-1	-1	62	N
Italy	Macchi MC.200 Saetta	1939/11	1	1	26	Y
Italy	Macchi MC.202 Folgore	1941/11	1	1	39	Y
Italy	Macchi MC.205N-1 Orione	1943	1	1	49	N
Italy	Macchi MC.205V Veltro	1943/04	1	1	45	N
Italy	Meridionali Ro.37	1935	1	1	18	N
Italy	Meridionali Ro.57	1942	0	0	46	N
Italy	Meridionali Ro.58	1943	0	0	73	N
Italy	Piaggio P.108B	1942/09	-3	-2	311	N
Italy	Reggiane Re.2000 Falco I	1940	1	1	31	Y
Italy	Reggiane Re.2001 Falco II	1942/06	1	1	39	N
Italy	Reggiane Re.2002 Ariete	1942/10	0	1	35	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Italy	Reggiane Re.2005 Sagittario	1943/05	1	2	47	Y
Italy	Savoia-Marchetti S.M.79-I	1936/10	-1	-1	99	N
Italy	Savoia-Marchetti S.M.79-II	1936/10	-1	-1	105	Y
Italy	Savoia-Marchetti S.M.79-III	1936/10	-1	-1	120	N
Italy	Savoia-Marchetti S.M.81	1934/10	0	0	78	N
Italy	Savoia-Marchetti S.M.84	1941/11	-3	-2	133	N
Italy	Savoia-Marchetti S.M.91	1943	-1	-1	95	N
Italy	Savoia-Marchetti S.M.92	1943	-1	-1	101	N
Italy	Savoia-Marchetti SM.82 Canguru (transport)	1941	-2	-2	182	N
Italy	Savoia-Marchetti SM.82 Canguru (unladen)	1941	-1	-1	110	N
Japan	Aichi D3A1 "Val"	1939/12	1	1	32	N
Japan	Aichi D3A2 "Val"	1942/06	1	1	36	Y
Japan	Aichi E13A1 "Jake"	1941/10	0	1	30	Y
Japan	Aichi E16A1 Zui-Un "Paul"	1943/08	0	0	41	N
Japan	Aichi M6A1 Seiran	1945	0	0	42	N
Japan	Kawanishi E7K2 "Alf"	1939	1	1	25	N
Japan	Kawanishi H6K4 "Mavis"	1938/01	-1	-1	154	Y
Japan	Kawanishi H6K5 "Mavis"	1941	-1	-1	197	N
Japan	Kawanishi H8K1 "Emily"	1941/12	-2	-2	261	N
Japan	Kawanishi H8K2 "Emily"	1942/04	-2	-2	366	Y
Japan	Kawanishi N1K1 Kyofu "Rex"	1943/06	1	1	43	N
Japan	Kawanishi N1K1-J "George 11"	1944/01	1	1	61	N
Japan	Kawanishi N1K1-Ja "George 11"	1944/01	1	1	60	N
Japan	Kawanishi N1K1-Jb "George 11"	1944/01	1	1	54	N
Japan	Kawanishi N1K2-J "George 21"	1944/01	1	2	58	Y
Japan	Kawanishi P1Y2-S Kyokko "Frances 26"	1943	-1	-1	111	N
Japan	Kawasaki Ki.100-Ib	1945/03	0	1	43	N
Japan	Kawasaki Ki.102b "Randy"	1944	0	0	106	N
Japan	Kawasaki Ki.102c "Randy"	1944	0	0	95	N
Japan	Kawasaki Ki.108	1945	0	0	80	N
Japan	Kawasaki Ki.45 KA1a Toryu "Nick"	1942/08	0	0	65	N
Japan	Kawasaki Ki.45 KA1c Toryu "Nick"	1944/01	0	0	74	N
Japan	Kawasaki Ki.45 KA1d Toryu "Nick"	1944/01	0	0	76	Y
Japan	Kawasaki Ki.48-Ib "Lily"	1940/07	0	0	60	Y
Japan	Kawasaki Ki.48-II KAI "Lily"	1944/10	0	0	69	N
Japan	Kawasaki Ki.48-IIb "Lily"	1941	0	0	69	Y
Japan	Kawasaki Ki.61-I KA1c Hien "Tony"	1944/01	1	2	39	N
Japan	Kawasaki Ki.61-I KA1d Hien "Tony"	1944/01	2	2	43	N
Japan	Kawasaki Ki.61-Ia Hien "Tony"	1942	2	2	38	N
Japan	Kawasaki Ki.61-Ib Hien "Tony"	1943/04	1	2	39	Y
Japan	Kawasaki Ki.61-IIa Hien "Tony"	1944/04	0	1	48	N
Japan	Kawasaki Ki.61-IIb Hien "Tony"	1944/04	0	1	49	N
Japan	Kyushu J7W1 Shinden	1945	1	1	77	N
Japan	Mitsubishi A5M2 "Claude"	1937/01	2	2	16	N
Japan	Mitsubishi A5M4 "Claude"	1938/02	2	2	19	Y
Japan	Mitsubishi A6M2 m21 "Zeke"	1940/08	2	2	32	Y
Japan	Mitsubishi A6M3 m22 "Zeke"	1941/06	2	2	34	N
Japan	Mitsubishi A6M5a m52 "Zeke"	1943/08	2	2	39	Y
Japan	Mitsubishi A6M6c "Zeke"	1944/09	2	2	37	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Japan	Mitsubishi A7M2 Reppu "Sam"	1945	2	2	69	N
Japan	Mitsubishi F1M2 "Pete"	1939	1	1	26	Y
Japan	Mitsubishi G3M2 "Nell"	1936/06	0	0	74	Y
Japan	Mitsubishi G3M3 "Nell"	1941/03	0	0	86	N
Japan	Mitsubishi G4M1 m11 "Betty"	1941/06	-1	0	96	Y
Japan	Mitsubishi G4M2 m22 "Betty"	1942/10	-1	-1	135	Y
Japan	Mitsubishi G4M2e m24J "Betty"	1944/11	-2	-1	155	Y
Japan	Mitsubishi J2M2 "Jack"	1943/12	1	1	49	N
Japan	Mitsubishi J2M3 "Jack"	1943/12	1	1	52	N
Japan	Mitsubishi J2M5 "Jack"	1944/05	2	2	55	Y
Japan	Mitsubishi J8M1 Shusui	1945	4	4	40	N
Japan	Mitsubishi Ki.109	1945	0	0	158	N
Japan	Mitsubishi Ki.21-I "Sally"	1938/11	0	1	69	N
Japan	Mitsubishi Ki.21-IIa "Sally"	1940/10	0	0	100	N
Japan	Mitsubishi Ki.21-IIb "Sally"	1941/12	0	0	100	Y
Japan	Mitsubishi Ki.30 "Ann"	1938	1	1	31	N
Japan	Mitsubishi Ki.46-II "Dinah"	1940	2	2	58	Y
Japan	Mitsubishi Ki.46-III KAI "Dinah"	1944/11	1	1	92	N
Japan	Mitsubishi Ki.51 "Sonia"	1940	1	1	27	Y
Japan	Mitsubishi Ki.51 "Sonia" (later versions)	1940	1	1	28	N
Japan	Mitsubishi Ki.67 I "Peggy"	1944/10	-1	-1	148	N
Japan	Nakajima A6M2-N "Rufe"	1942/04	1	1	31	N
Japan	Nakajima B5N1 "Kate" (bomb)	1938	1	1	26	Y
Japan	Nakajima B5N1 "Kate" (torpedo)	1938	1	1	26	Y
Japan	Nakajima B5N2 "Kate"	1939/12	0	1	29	Y
Japan	Nakajima B6N1 "Jill"	1943/11	1	1	49	N
Japan	Nakajima B6N2 "Jill"	1944/05	1	1	49	Y
Japan	Nakajima E8N2 "Dave"	1935	1	1	18	N
Japan	Nakajima J1N1-S Gekko "Irving"	1943/11	0	0	73	Y
Japan	Nakajima Ki.27a "Nate"	1937/11	2	2	18	N
Japan	Nakajima Ki.27b "Nate"	1939/08	2	2	18	Y
Japan	Nakajima Ki.43-Ia "Oscar"	1941/03	2	2	26	N
Japan	Nakajima Ki.43-Ib "Oscar"	1941/03	2	2	28	N
Japan	Nakajima Ki.43-Ic "Oscar"	1941/03	2	2	27	Y
Japan	Nakajima Ki.43-II "Oscar"	1942/02	1	1	30	Y
Japan	Nakajima Ki.43-IIIa "Oscar"	1944/12	1	2	33	N
Japan	Nakajima Ki.44-Ia Shoki "Tojo"	1941	1	1	34	N
Japan	Nakajima Ki.44-Ib Shoki "Tojo"	1942	2	2	39	Y
Japan	Nakajima Ki.44-IIb "Tojo"	1943/11	1	1	43	N
Japan	Nakajima Ki.44-IIc "Tojo" (Heavy)	1944/05	1	1	48	N
Japan	Nakajima Ki.44-IIc Shoki "Tojo"	1944/05	1	1	45	Y
Japan	Nakajima Ki.49-I Donryu "Helen"	1941/08	0	0	101	Y
Japan	Nakajima Ki.49-IIa Donryu "Helen"	1942/05	0	0	117	N
Japan	Nakajima Ki.84-Ia Hayate "Frank"	1944/04	1	2	53	N
Japan	Nakajima Ki.84-Ib Hayate "Frank"	1944/04	2	2	60	Y
Japan	Nakajima Ki.84-Ic Hayate "Frank"	1944/08	1	2	57	N
Japan	Nakajima Ki.84-II Hayate "Frank"	1945/03	2	2	62	Y
Japan	Nakajima P1Y1 Ginga "Frances"	1944/06	-1	0	118	Y
Japan	Nakajima P1Y1-S Byakko "Frances"	1944/06	0	0	123	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Japan	Showa L2D2 "Tabby" (transport)	1940	-2	-2	107	N
Japan	Showa L2D2 "Tabby" (unladen)	1940	-1	-1	61	N
Japan	Yokosuka B4Y1 "Jean"	1937	1	1	23	N
Japan	Yokosuka D4Y1-C "Judy"	1942/05	1	1	37	Y
Japan	Yokosuka D4Y2-S "Judy"	1944/10	1	1	43	N
Japan	Yokosuka D4Y2a "Judy"	1944/10	1	1	40	Y
Japan	Yokosuka D4Y3 "Judy"	1944/11	1	2	43	N
Japan	Yokosuka E14Y1 "Glen"	1939	0	0	9	N
Netherlands	Fokker C.V-D	1924	0	0	15	N
Netherlands	Fokker C.V-E	1924	0	1	14	N
Netherlands	Fokker C.X	1937	1	1	21	N
Netherlands	Fokker C.XI-W	1938	1	1	21	N
Netherlands	Fokker D.XXI (Denmark)	1939	1	1	23	N
Netherlands	Fokker D.XXI (Netherlands)	1939	1	1	24	N
Netherlands	Fokker D.XXI-2	1937/05	1	1	24	N
Netherlands	Fokker D.XXI-4	1941/01	1	1	23	N
Netherlands	Fokker D.XXIII	1939	1	1	33	N
Netherlands	Fokker G.1a	1938/11	0	1	52	N
Netherlands	Fokker T.IV a	1935	0	0	54	N
Netherlands	Koolhoven F.K.58	1939	1	1	29	N
Poland	P.Z.L. P.11b	1936	1	1	17	N
Poland	P.Z.L. P.11c Jedenastka	1934/09	1	1	18	Y
Poland	P.Z.L. P.11c Jedenastka (upgunned)	1934/09	1	1	19	N
Poland	P.Z.L. P.23 Karas B	1938	0	0	20	N
Poland	P.Z.L. P.24E	1937/05	1	1	26	N
Poland	P.Z.L. P.24F	1937/05	1	1	26	N
Poland	P.Z.L. P.24G	1937/05	1	1	25	Y
Poland	P.Z.L. P.37 Los	1939	-1	1	66	N
Poland	P.Z.L. P.7a	1932	1	1	15	Y
Rumania	I.A.R. 80	1942	1	1	30	N
Russia	Chetverikov MDR-6A	1938	0	0	58	N
Russia	Ilyushin DB-3B	1937	0	0	69	Y
Russia	Ilyushin Il-2	1941/03	0	0	76	Y
Russia	Ilyushin Il-2 Type 3M	1944	-1	0	163	N
Russia	Ilyushin Il-2M	1942/05	-1	0	84	N
Russia	Ilyushin Il-4	1941/08	-1	0	92	Y
Russia	Lavochkin La-5	1942/07	1	1	44	Y
Russia	Lavochkin La-5FN	1943/03	1	1	45	Y
Russia	Lavochkin La-7 (Air to Air)	1944/05	1	2	58	Y
Russia	Lavochkin La-7 (Ground Attack)	1944/05	1	2	60	Y
Russia	Lavochkin LaGG-3 (i)	1941	1	1	43	Y
Russia	Lavochkin LaGG-3 (ii)	1942	1	1	46	N
Russia	Lavochkin LaGG-3 (iii) (Air to Air)	1941	1	1	50	N
Russia	Lavochkin LaGG-3 (iii) (Ground Attack)	1941	1	1	51	N
Russia	Lavochkin LaGG-3 (iv) (Air to Air)	1941	1	1	50	Y
Russia	Lavochkin LaGG-3 (iv) (Ground Attack)	1941	1	1	51	Y
Russia	Lavochkin LaGG-3 (v) (Air to Air)	1941	1	1	46	N
Russia	Lavochkin LaGG-3 (v) (Ground Attack)	1941	1	1	47	N
Russia	Lavochkin LaGG-3 (vi) (Air to Air)	1941	1	1	49	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
Russia	Lavochkin LaGG-3 (vi) (Ground Attack)	1941	1	1	50	N
Russia	Mikoyan-Gurevich MiG-1 (Air to Air)	1940	1	1	49	Y
Russia	Mikoyan-Gurevich MiG-1 (Ground Attack)	1940	1	1	47	Y
Russia	Mikoyan-Gurevich MiG-3 (Air to Air)	1941	1	1	50	Y
Russia	Mikoyan-Gurevich MiG-3 (Ground Attack)	1941	1	1	51	Y
Russia	Petlayakov Pe-2	1941	-1	0	82	Y
Russia	Petlayakov Pe-2FT (HMG)	1942	-2	-1	97	N
Russia	Petlayakov Pe-2FT (MG)	1942	-2	-1	85	N
Russia	Polikarpov I-15 (2MG)	1934/11	2	2	16	N
Russia	Polikarpov I-15 (4MG)	1934/11	1	1	20	Y
Russia	Polikarpov I-15 bis	1937/01	1	1	22	N
Russia	Polikarpov I-15 ter	1939	1	2	20	N
Russia	Polikarpov I-152 (Air to Air)	1937/01	1	1	25	Y
Russia	Polikarpov I-152 (Ground Attack)	1937/01	1	1	24	Y
Russia	Polikarpov I-153 (Air to Air)	1939	2	2	25	N
Russia	Polikarpov I-153 (Ground Attack)	1939	2	2	24	N
Russia	Polikarpov I-153BS	1939	2	2	26	N
Russia	Polikarpov I-153P	1939	2	2	26	N
Russia	Polikarpov I-16 Type 10	1936/01	2	2	22	Y
Russia	Polikarpov I-16 Type 17	1939	1	1	25	N
Russia	Polikarpov I-16 Type 18	1939	1	1	24	N
Russia	Polikarpov I-16 Type 24 (Air to Air)	1939	1	2	35	N
Russia	Polikarpov I-16 Type 24 (Ground Attack)	1939	1	2	34	N
Russia	Polikarpov I-16 Type 6 (2MG)	1936/01	1	2	18	N
Russia	Polikarpov I-16 Type 6 (4MG)	1936/01	2	2	20	N
Russia	Polikarpov I-17	1937	1	1	28	N
Russia	Sukhoi Su-2	1940	0	0	38	N
Russia	Tupolev ANT 61 (Tu-2S)	1944	-3	-1	147	N
Russia	Tupolev SB-2	1936/04	0	1	52	Y
Russia	Tupolev SB-2bis	1936/04	-1	0	64	N
Russia	Tupolev TB-3 (1936)	1931/11	-1	0	231	Y
Russia	Tupolev Tu-2S	1944	-3	-1	149	N
Russia	Yakolev Yak-1 (Air to Air)	1941	1	1	48	Y
Russia	Yakolev Yak-1 (Ground Attack)	1941	1	1	49	Y
Russia	Yakolev Yak-1B (Air to Air)	1943	1	1	48	N
Russia	Yakolev Yak-1B (Ground Attack)	1943	1	1	49	N
Russia	Yakolev Yak-1M	1943	2	2	43	N
Russia	Yakolev Yak-3	1943/10	2	2	42	N
Russia	Yakolev Yak-3P	1943/10	2	2	42	Y
Russia	Yakolev Yak-3T	1943/10	2	2	47	N
Russia	Yakolev Yak-9D	1943/06	0	1	48	Y
Russia	Yakolev Yak-9M	1942/11	1	1	40	N
Russia	Yakolev Yak-9T	1943/02	1	1	48	N
Russia	Yakolev Yak-9U	1944/10	1	1	50	N
United States	Bell P-39D Airacobra	1941/02	1	1	46	Y
United States	Bell P-39K Airacobra	1941/02	1	1	48	N
United States	Bell P-39N Airacobra	1941	1	1	52	N
United States	Bell P-39Q Airacobra	1942	1	1	51	N
United States	Bell P-59A Airacomet	1945	2	2	118	Y

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
United States	Boeing B-17C/D Flying Fortress (Fortress Mk I)	1940	-2	-1	288	N
United States	Boeing B-17E Flying Fortress (Fortress Mk IIA)	1942/08	-2	-1	263	N
United States	Boeing B-17F Flying Fortress (Fortress Mk II)	1942/08	-4	-2	409	Y
United States	Boeing B-17G Flying Fortress (Fortress Mk III)	1943/10	-4	-2	426	N
United States	Boeing B-29A Superfortress	1944/06	-8	-6	716	Y
United States	Boeing P-26A (MG)	1934/01	1	1	14	N
United States	Boeing P-26A (MG/HMG)	1934/01	1	1	15	N
United States	Brewster B-239	1939/06	1	1	32	N
United States	Brewster B-339B Buffalo	1940/06	1	1	36	N
United States	Brewster B-339D Buffalo	1940/06	1	1	34	N
United States	Brewster B-339E Buffalo I	1940/06	1	1	36	Y
United States	Brewster F2A-1	1939/06	1	1	32	N
United States	Brewster F2A-2	1940/09	1	1	36	Y
United States	Brewster F2A-3	1941	1	1	36	N
United States	Consolidated B-24D Liberator (Liberator B.Mk III)	1942/01	-5	-3	267	N
United States	Consolidated B-24J Liberator (Liberator B.Mk VI)	1943/08	-6	-4	284	Y
United States	Consolidated B-24M Liberator	1944	-6	-4	279	N
United States	Consolidated P2Y Model 22	1932/12	0	0	60	N
United States	Consolidated PB2Y-3 Coronado	1941	-4	-3	377	N
United States	Consolidated PBY-5 Catalina	1936/11	-1	0	116	Y
United States	Curtiss Chile Falcon (O1-E)	1926	1	1	14	N
United States	Curtiss Columbia Falcon (O1-G)	1926	1	1	21	N
United States	Curtiss D-12 Falcon (37F)	1926	1	1	12	N
United States	Curtiss H75N Hawk	1938/11	1	1	39	N
United States	Curtiss Model 35 Hawk II	1933/12	1	1	18	N
United States	Curtiss Model 68 Hawk III	1936/05	1	1	19	N
United States	Curtiss Model 75M Hawk 75	1938	1	1	27	N
United States	Curtiss P-36 Hawk H75A-1 (Mohawk Mk I)	1938/12	1	1	32	Y
United States	Curtiss P-36 Hawk H75A-2/3 (Mohawk Mk II/III)	1938/12	1	1	34	N
United States	Curtiss P-36 Hawk H75A-4 (Mohawk IV)	1940/05	1	1	32	N
United States	Curtiss P-36G Hawk	1940/05	1	1	39	N
United States	Curtiss P-40B (Tomahawk Mk IIA)	1941/02	1	1	35	N
United States	Curtiss P-40C (Tomahawk Mk IIB)	1941/02	1	1	39	Y
United States	Curtiss P-40D Warhawk (Kittyhawk Mk I)	1942/04	0	1	39	N
United States	Curtiss P-40E Warhawk (Kittyhawk Mk IA)	1942/04	0	1	42	Y
United States	Curtiss P-40F Warhawk (Kittyhawk Mk II)	1941/12	1	1	47	N
United States	Curtiss P-40K Warhawk	1942/08	1	1	38	N
United States	Curtiss P-40L/M Warhawk (Tomahawk III)	1942/08	1	1	43	N
United States	Curtiss P-40N Warhawk (Kittyhawk Mk IV)	1944	0	1	45	N
United States	Curtiss P-6D Hawk I	1924/09	1	1	14	N
United States	Curtiss SB2C-1C Helldiver	1942/12	-1	0	64	Y
United States	Curtiss SB2C-3 Helldiver	1944	-1	0	66	N
United States	Curtiss SB2C-4 Helldiver	1943/11	-1	0	98	N
United States	Curtiss SOC-3 Seagull	1936	1	1	18	N
United States	Curtiss-Wright C-46A Commando (transport)	1942	-4	-4	268	N
United States	Curtiss-Wright C-46A Commando (unladen)	1942	-2	-2	123	N
United States	Curtiss-Wright CW-19 Falcon	1941	1	1	14	N
United States	Curtiss-Wright CW-21B Demon	1940/06	1	1	28	N
United States	Curtiss-Wright CW-22 Falcon	1941	1	1	14	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
United States	Curtiss-Wright CW-4 Condor	1933	0	0	58	N
United States	Douglas A-20G-20 Havoc	1943	-3	-2	129	Y
United States	Douglas A-26B-15 Invader	1944	-4	-3	257	N
United States	Douglas C-47 Dakota (transport)	1941/12	-2	-2	119	Y
United States	Douglas C-47 Dakota (unladen)	1941/12	-1	-1	71	N
United States	Douglas DB-7 (Boston Mk I)	1940/01	-1	0	73	N
United States	Douglas DB-7B (Boston Mk III)	1941/06	-1	0	86	Y
United States	Douglas P.70	1941	-1	-1	102	N
United States	Douglas P.70 Havoc I	1941	0	0	70	N
United States	Douglas SBD-1 Dauntless	1939/04	0	1	33	N
United States	Douglas SBD-2 Dauntless	1940/11	0	1	31	Y
United States	Douglas SBD-3 Dauntless	1941/06	0	0	35	N
United States	Douglas SBD-5 Dauntless	1943/02	0	0	40	Y
United States	Douglas TBD-1 Devastator	1937/06	0	0	31	Y
United States	General Motors FM-1 Wildcat (Martlet V)	1941	1	1	57	N
United States	General Motors FM-2 Wildcat	1941	1	1	41	N
United States	Grumman F4F-3 Wildcat (Martlet Mk I to III)	1940/12	1	1	41	N
United States	Grumman F4F-4 Wildcat (Martlet Mk IV)	1941/11	1	1	42	Y
United States	Grumman F6F-3 Hellcat	1943/01	1	1	69	Y
United States	Grumman F6F-5 Hellcat	1944/04	1	1	72	N
United States	Grumman F7F-2N Tigercat	1944/04	0	0	127	N
United States	Grumman F7F-3 Tigercat	1944/04	0	0	140	N
United States	Grumman F8F-1 Bearcat	1945	1	2	60	N
United States	Grumman G1-5 "Duck"	1934/07	0	1	24	N
United States	Grumman J2F-6 Duck	1941	0	1	28	N
United States	Grumman TBF-1 Avenger	1942/01	0	0	60	N
United States	Grumman TBF-1C Avenger (Avenger TR.Mk II)	1942/05	-1	0	64	N
United States	Grumman TBM-3 Avenger	1943/02	0	0	60	Y
United States	Lockheed A-29 Hudson Mk I/II	1939	-1	-1	62	N
United States	Lockheed A-29 Hudson Mk III	1941/03	-1	-1	72	N
United States	Lockheed A-29 Hudson Mk IV	1939/06	-1	-1	69	N
United States	Lockheed P-38D Lightning	1941/08	-1	-1	91	N
United States	Lockheed P-38E Lightning	1941/10	0	0	86	Y
United States	Lockheed P-38F Lightning	1942/06	-1	-1	90	N
United States	Lockheed P-38G Lightning	1942/02	-1	-1	90	N
United States	Lockheed P-38J Lightning	1943/08	-1	-1	93	Y
United States	Lockheed P-38L Lightning	1944/06	-2	-1	101	N
United States	Lockheed P-38M Lightning	1944/06	-1	-1	95	N
United States	Lockheed P-80A Shooting Star	1945/02	2	3	80	N
United States	Lockheed PV-1 Ventura	1942/10	-3	-3	122	N
United States	Martin 139W	1934/05	-1	0	60	N
United States	Martin 167 Maryland Mk I	1940	0	0	70	N
United States	Martin 167 Maryland Mk II	1938/10	0	0	75	Y
United States	Martin 167F Maryland	1940	0	0	68	Y
United States	Martin 187 Baltimore Mk I/II	1942	-1	-1	104	N
United States	Martin 187 Baltimore Mk III	1942/03	-1	-1	104	N
United States	Martin 187 Baltimore Mk IIIA/IV	1943	-1	-1	107	Y
United States	Martin 187 Baltimore Mk V	1943	-1	-1	107	N
United States	Martin A-30 Baltimore Mk III	1941/10	-1	-1	101	N

NATIONALITY	AIRCRAFT	Date	AL	AC	PV	S
United States	Martin B-26B/C Marauder (Marauder Mk IA/II)	1942/05	-4	-3	183	Y
United States	Martin PBM-3D Mariner	1941	-4	-3	250	N
United States	North American A-36A Apache	1943/05	0	1	50	N
United States	North American B-25B Mitchell (Mitchell Mk I)	1941	-3	-2	118	N
United States	North American B-25C Mitchell (Mitchell Mk II)	1941	-3	-2	137	N
United States	North American B-25D Mitchell (Mitchell Mk II)	1942/01	-3	-2	122	Y
United States	North American B-25H Mitchell	1943	-3	-2	270	N
United States	North American B-25J Mitchell (Mitchell Mk III)	1943	-3	-2	161	N
United States	North American Mustang Mk I	1942/07	1	1	50	N
United States	North American Mustang Mk IA	1942/07	1	1	45	N
United States	North American P-51A Mustang (Mustang Mk II)	1942/04	1	1	48	Y
United States	North American P-51B Mustang (Mustang Mk III)	1943/12	1	2	56	N
United States	North American P-51C Mustang (Mustang Mk III)	1943/12	1	2	54	N
United States	North American P-51D Mustang (Mustang Mk IV)	1944/03	1	2	53	Y
United States	North American P-51H Mustang	1945	2	2	71	N
United States	Northrop A-17 Nomad 8A-3N	1936	1	1	35	N
United States	Northrop A-17 Nomad 8A-3P	1936	0	1	31	N
United States	Northrop A-17 Nomad 8A-3P/ 4	1936	0	1	30	N
United States	Northrop P-61A Black Widow	1944	-1	-1	143	N
United States	Northrop P-61B Black Widow	1944/03	-3	-1	189	Y
United States	Republic P-43A-1 Lancer	1941	1	1	43	N
United States	Republic P-47B Thunderbolt	1942/06	1	1	78	N
United States	Republic P-47C Thunderbolt	1943	1	1	86	Y
United States	Republic P-47D Thunderbolt	1943/06	0	1	84	Y
United States	Republic P-47M Thunderbolt	1944	1	1	140	N
United States	Ryan FR-1 Fireball	1945	2	2	101	N
United States	Seversky P-35A	1937/12	1	1	30	N
United States	Vought F4U-1A Corsair (Corsair Mk II)	1942/09	1	1	75	Y
United States	Vought F4U-1B Corsair (Corsair Mk I)	1942/07	1	1	71	N
United States	Vought F4U-1C Corsair	1944/10	2	2	80	N
United States	Vought F4U-1D Corsair	1944/04	1	2	76	Y
United States	Vought F4U-4 Corsair (FB)	1944/10	1	2	82	N
United States	Vought F4U-4 Corsair (FTR)	1944/10	2	2	80	Y
United States	Vought OS2U-1 Kingfisher	1940/08	0	0	16	Y
United States	Vought SB2U-1 Vindicator	1939	1	1	27	Y
United States	Vought V-50 Corsair	1930	1	1	17	N
United States	Vought V-65C/F Corsair	1930	1	1	17	N
United States	Vought V-65P Corsair	1930	1	1	19	N
United States	Vultee A-35B Vengeance	1943/03	-2	-1	66	N
United States	Waco CG-4 Hadrian (glider)	1942	0	0	18	N
Yugoslavia	Rogozarski IK-2	1939	1	1	26	N
Yugoslavia	Rogozarski IK-3	1940	1	1	33	N