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MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE



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PUBLISHED BY AUTHORITY OF THE COMMANDING GENERAL,
ARMY AIR FORCES, BY THE CHIEF, ENGINEERING DIVISION,
MATERIAL COMMAND, WRIGHT FIELD, DAYTON, OHIO

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BRITISH FIGHTER

MONTHLY CHART
AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH FIGHTER

PAGE 1

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. ML. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH ALT. H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.—1/2 ENGS. OUT	T. O. & LAND T. O. OVER 50 OBS. LAND OVER 50 OBS.	RANGE with S SPEEDS & POWER		FUEL with		BOMBS NONE NORMAL MAXIMUM	at WEIGHTS WT. EMPTY WEIGHT WEIGHT	DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS CAL.—NO. OF MM PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	None NORMAL MAXIMUM	None NORMAL MAXIMUM						
BLACKBURN Firebrand One Napier Sabre III	1670/16250 1920/16000 2250	358/18000/-	11/20000 31600	1350	-	1025/238/-	-	200	None	9929 12550	50'0" 37'6" 370 Sq. Ft.	1-20mm.-80	-	ONI 1/23/42 EPUSA Rept. 274
BLACKBURN Zoo I One Bris. Perseus XII	905/6500 745/6500 830	223/17500/- 77	25.6/15000 18200	-	-	650/130/-	-	110	None	6167 8062	46'2" 35'7" 312 Sq. Ft.	1-303-700	None	MID-ONI 11/7/42
BLACKBURN Skua I One Bris. Perseus XII	905/6500 745/6500 830	225/8700/- 83	22.1/15000 19100	-	-	900/130/- 600/130/- 600/130/-	-	136 136 141	None 500 500	5940 8330 8376 8112	46'2" 35'7" 312 Sq. Ft.	1-303-600	Pilot Armor only	MID-ONI 11/7/42
BOULTON PAUL Defiant I One RR-Merlin III	990/12250 1030/16250 880	304/17000/- 87	8.5/15000 30000	1500 2310	-	580/180/- 465/250/-	-	125 125	None None	5938 7718	39'1" 35'0" 224 Sq. Ft.	1-303-600	armor L.P. Tanks	S.A.C. 5/12/42
BOULTON PAUL Defiant II One RR-Merlin IX	1180/18000 1170/21000 1280	335/22000/-	7.0/15000 34200	1350 2370	-	480/175/- 370/275/-	-	125 125	None None	6157 7765	39'1" 35'0" 224 Sq. Ft.	1-303	-	S.A.C. 5/12/42
BRISTOL Beaufighter I Two Bris. Hercules XI	1200/14000 1510/11250 1590	324/11750/-	- 30000	1785 2580	-	1515/226/-	-	660	None	13931 21120	57'10" 41'6" 451 Sq. Ft.	1-20mm.-285 6-303-1000	Armor L.P. Tanks S.P. Glass	M.A.F. Dayton SAC 11/8/42
BRISTOL Beaufighter II Two RR-Merlin IX	1180/18000 1170/21000 1280	329/20400/-	9.5/15000 30000	2070 2505	-	1510/228/-	-	660	None	12895 20374	57'10" 41'6" 451 Sq. Ft.	1-20mm.-285 6-303-1000	Armor L.P. Tanks S.P. Glass	M.A.F. thru Dayton SAC 11/8/42
BRISTOL Beaufighter III Two Bris. Hercules VI	1300/13500 1530/15500 1610	333/15600/-	7.8/15000 27000	1845 2550	-	1480/213/-	-	660	None	- 21322	57'10" 41'6" 451 Sq. Ft.	1-20mm.-210 6-303-1000	Armor L.P. Tanks S.P. Glass	M.A.F. thru Dayton SAC 11/8/42
DELAVALLE Mosquito VI Two RR-Merlin LXXI	1180/18000 1170/21000 1280	380/22000/-	7.8/20000 29500	2175 2535	-	1205/210/-	-	483	1000	14319 19822	54'2" 41'2" 450 Sq. Ft.	1-20mm.-150 1-303-500	-	M.A.F. thru Dayton SAC 11/8/42
FAIRY Firefly One RR-Griffon II	1365/17000 1380/19000 1755	338/21000/-	10.2/20000 30600	1950	-	- 700/202/-	-	-	None	8731 11372	44'6" 37'0" 328 Sq. Ft.	3-20mm.-175 2-20mm.-150	-	ONI 1/23/42 EPUSA Rept. 274

NOTES:
AC—AIR CORPS
DA—DEFENSE AID
PO—PURCHASE ORDER

* Estimate

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A—ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
B—OFFICIAL PERFORMANCE REPORT NO.
C—PRELIMINARY FLIGHT TEST

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MONTHLY CHART
BRITISH, FIGHTER
AIRPLANE CHARACTERISTICS & PERFORMANCE

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BRITISH, FIGHTER

DATE: 1 March, 1944

MODEL & MFR. ENGINE	ENG. RATINGS NORMAL/ALT. HUL. CRIT. ALT. TAKE-OFF S. I.	SPEEDS HIGH/ALT./HP LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.-1/2 ENGS. OUT	T. O. & LAND T. O. OVER 59 OBS. LAND OVER 59 OBS.	RANGE with FUEL with BOMBS at WEIGHTS		DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS CALIBERS OF AMM PER GUN	COMBAT PROT. TYPE	REFERENCE		
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)					None NORMAL MAXIMUM	WT. EMPTY WEIGHT WEIGHT
FAIRY Fulmar II One RR-Merlin 30	1240/7250 1200/3750 1300	264/5600/- 75	20.3/20000 21000	- -	925/150/- -	186 -	None 500	7575 7950 -	16'0" 40'11" 378 Sq. Ft.	8-.303-1000 or 4-.50-360	Armor L.P. Tanks B.P. Glass	M.I.D. 11/7/42
HAWKER Hurricane IIB One RR-Merlin XI	1140/18000 1170/21000 1280	335/22000/- -	5.9/15000 36500	1250 1900	- 540/170/- 355/201/-	116 116	None None	5290 7200 7200	40'0" 31'5" 256 Sq. Ft.	12-.503-300	Armor L.P. Tanks	B.A.C. 5/12/42
HAWKER Hurricane IIC One RR-Merlin XI	1180/18000 1170/21000 1280	321/20500/- -	- 36000	1770 2160	420/214/- -	116 -	None -	5655 7550 -	40'0" 31'5" 256 Sq. Ft.	4-20mm.-120	Armor L.P. Tanks	Air Tech. Sect. STOUSA Rept. No. 274 10/29/42
HAWKER Hurricane IID One RR-Merlin XI	1180/18000 1170/21000 1280	313/22000/- -	- 34500	- -	460/210/- -	- -	None -	- 7550 -	40'0" 31'5" 256 Sq. Ft.	2-.303-600 2-12mm.-16	-	Air Tech. Sect. STOUSA Rept. No. 274 10/29/42
HAWKER Tempest I One Napier Sabre IV	1770/20000 1900/22000 2000	150/26000/- -	6.7/20000 38500	1965 2460	- 227/217/-	- 230	None -	2380 11500 -	41'0" 33'6" 307 Sq. Ft.	4-20mm.-	-	M.A.P. thru Dayton SAC 11/8/42
HAWKER Tempest II One Bris. Centaurus IV	- 1750/18250	120/19000/- -	7.2/20000 36800	1850 2445	996/217/- -	- 230	None -	8105 11550 -	41'0" 33'6" 307 Sq. Ft.	4-20mm.-	-	M.A.P. thru Dayton SAC 11/8/42
HAWKER Typhoon IB One Napier Sabre II	1675/16250 1800/16250 2010	411/21000/- 88	7.5/20000 34000	2500 2220	610/338/- 410/344/-	124 124	None None	8337 10500 10500	41'0" 32'0" 279 Sq. Ft.	12-.303-500 or 4-20mm.-150	Armor L.P. Tanks B.P. Glass	M.I.D. 10/24/41 Cable 6/15/41
MARTIN-BAKER One Napier Sabre II	1675/16250 1800/16250 2010	130/15000/- -	- -	- -	1 3/4 hr. endurance	- -	- -	- -	37'0" -	6-20mm.-200	-	Special Army Observ. 1/24/42
SUPERMARINE Spitfire VA One RR-Merlin XLV	1200/16000 1235/17750 1185	373/19500/- -	5.2/15000 37600	- -	500/214/- -	102 -	None -	- 6212 -	36'10" 30'0" 242 Sq. Ft.	8-.303-300	Armor L.P. Tanks B.P. Glass	AAF Dayton Flight Test
SUPERMARINE Spitfire VB One RR-Merlin XLV	1200/16000 1235/17750 1185	371/20000/- -	6.6/20000 37700	1200 1850	460/185/- 335/310/-	102 102	None None	4935 6160 6160	36'10" 30'0" 242 Sq. Ft.	4-.303-350 2-20mm.-50	Armor L.P. Tanks B.P. Glass	B.A.C. 5/12/42

NOTES:

AC-AIR CORPS

DA-DEFENSE AID

PO-PURCHASE ORDER

* Estimate
** At weight of 10835#
D Estimated take-off weight of 10500#

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY

B-OFFICIAL PERFORMANCE REPORT NO.

C-PRELIMINARY FLIGHT TEST

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CONFIDENTIAL MONTHLY CHART BRITISH FIGHTER AIRPLANE CHARACTERISTICS & PERFORMANCE

PAGE 3

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF/S. L.	SPEEDS HIGH/ALT./H.P. LANDING	CLIMB TIME TO/FT. SERV. CEIL. CEIL.-1/2 ENGR. OUT	T. O. & LAND T. O. OVER 1/4 OBS. LAND OVER 1/4 OBS.	RANGE with FUEL with BOMBS at WEIGHTS		DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE	
					MAXIMUM NORMAL (WITH MAL. BOMBS)	MAXIMUM NORMAL (WITH MAL. BOMBS)					NONE NORMAL MAXIMUM
SUPERMARINE Spitfire VC One RR-Merlin XLV	1200/16000 1235/17750 1185	369/19500/- -	7.0/20000 36500 -	- -	1085/206/- 474/-/- -	- -	None None -	5067 6737	36'10" 30'0" 242 Sq. Ft.	1-20mm.-120 Armor L.P. Tanks	Air. Tech. Sec ETUSA Rept. No. 274 10/29/42
SUPERMARINE Spitfire VII One RR-Merlin 61	1190/25000 1300/21000 1375	405/26500/- -	7.8/20000 40250 -	2085 2220	732/233/- -	114 -	None -	6031 8000	40'2" 31'4" 219 Sq. Ft.	4-.303-350 2-20mm.-135 Armor L.P. Tanks B.P. Glass	M.A.P. thru Dayton SAC 11/8/42
SUPERMARINE Spitfire II One RR-Merlin 61	1190/25000 1300/21000 1375	406/26500/- -	4.2/15000 40750 -	1875 2160	472/228/- -	102 -	None -	7450	36'10" 31'0" 212 Sq. Ft.	4-.303-350 2-20mm.-120 Armor L.P. Tanks B.P. Glass	M.A.P. thru Dayton SAC 11/8/42
SUPERMARINE Spitfire II One RR-Griffon II	1675/16250 1800/16250 2010	391/18000/- -	- 33500 -	1980 2160	500/218/- -	156 -	None -	9400	40'6" -	6-20mm.-120 Armor L.P. Tanks B.P. Glass	M.A.P. thru Dayton SAC 11/8/42
WESTLAND Welkin Two RR-Merlin 61	1190/25000 1300/21000 1375	431/26000/- -	6.25/20000 41000 -	1890 2850	1560/215/- -	564 -	None -	12895 16700	70'13" 41'6" 160 Sq. Ft.	6-20mm.-120 -	M.A.P. thru Dayton SAC 11/8/42
WESTLAND Whirlwind Two RR-Peregrine I	860/13500 890/15000 855	338/15800/- -	8.4/20000 30000 -	1890 2250	590/190/- 370/305/- -	163 103 -	None None -	8010 10115 10222	46'0" 32'3" 231 Sq. Ft.	1-20mm.-60 or 12-.303- Armor L.P. Tanks B.P. Glass	B.L.C. 5/12/42
BRISTOL BLenheim IVF Two Mercury XV	825/14000 -	260/12000/- -	14/15000 21200 -	- -	- -	- -	- -	9236 11100 12560	56'4" 42'7" 169 Sq. Ft.	4-.303-500 1-.303-400 1-.303- -	Air Info. M. Navy Dept. Wash. D. O. 8/43
DeHAVILLAND Mosquito X Two Merlin 73	1560/12000 1370/21000 -	417/25000/- -	- 40000 -	- -	- -	- -	- -	14421 19700	54'2" 41'2" 454 Sq. Ft.	4-.303-500 4-20mm.-150 -	AD ABOVE

NOTES:
AC--AIR CORPS
DA--DEFENSE AID
PO--PURCHASE ORDER

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MONTHLY CHART BRITISH BOMBARDMENT PAGE 4

CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH ALT./H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.-1/2 ENGR. OUT	T. O. & LAND T. O. OVER 50 OBS. LAND OVER 50 OBS.	RANGE with SPEEDS % POWER			FUEL with NORMAL MAXIMUM	BOMBS at NONE NORMAL MAXIMUM	WEIGHTS WT. EMPTY WEIGHT WEIGHT	DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)							
ARMS. -WHITWORTH Whitley V Two RR-Merlin X	960/13000 1010/17750 1075	225/17000/-	27.5/15000 17000	-	1935/170/-	-	-	1250	18745	21'0"	1-.303-600	-	Air Tech. Sec. ETOUSA Rept. No. 274 10/29/42	
AVRO Lancaster I Four RR-Merlin IX	1180/15000 1170/21000 1280	280/20000/-	18.5/15000 a. 25000 b. 29500	1200 2550	3000/185/-	3038	None	3500	35300	102'0"	4-.303-2500	Armor L.P. Tanks B.P. Glass	A. D./R. D. T. I M. A. P.	
AVRO Lancaster II Four Brit. Hercules VI	1300/17500 1530/19500 1610	291/15500/-	20/15000 a. 21000 b. 25000	3000 2400	2950/195/-	3038	None	12750	37970	102'0"	4-.303-2500	Armor L.P. Tanks B.P. Glass	A. D./R. D. T. I M. A. P.	
BRISTOL Beauport I Two Bristol Taurus VI	985/3750 1130/3500 1085	270/5500/-	-	-	1785/195/-	-	-	500	11910	56'10"	2-.303-400	-	Air Tech. Sec. ETOUSA Rept. No. 274 10/29/42	
BRISTOL Blenheim IV Two Bristol Mercury XV	- 825/13000 920	266/15000/-	7/10000 27000	-	1410/270/75%	720	-	1100	8250	56'4"	1-.303	Armor L.P. Tanks	Aeroplane 3/29/40 M. I. D. 3/28/41	
BRISTOL Blenheim V Bristol Mercury XV	- 825/13000 920	244/6000/-	-	-	1230/170/-	-	-	1000	-	56'4"	1-.303-400	-	Air Tech. Sec. ETOUSA Rept. No. 274 10/29/42	
BRISTOL Buckingham Two Brit. Centaurus IV	- 1780/18250	330/19250/-	16.0/15000 a. 32500 b. 27200	1350 2400	3500/215/-	1890	None	4000	21274	71'9.6"	8-.303-1000	-	A. D./R. D. T. I M. A. P.	
DeHAVILLAND Mosquito MK V Two RR-Merlin XII	1180/18000 1170/21000 1280	379/22200/-	1/1700 28800	2650 2400	1720/-/-	643	-	2000	15129	54'2"	None	Armor L.P. Tanks B.P. Glass	I. T. M. #11 Dell. Canada	
FAIREY Albacore One Brit. Taurus XII	985/3750 1130/3500 1085	170/12000/-	10.3/10000 11400	-	790/114/-	234	None	1500	7103	50'0"	1-.303-400	Armor L.P. Tanks	MID-ONI 11/7/42	
FAIREY Barracuda One RR-Merlin 30	1240/1250 1260/8750 1300	235/11000/-	6.7/8000 21000	-	655/136/-	-	-	1610	9142	49'2"	2-.303	-	Air Tech. Sec. ETOUSA Rept. No. 274 10/18/42	

NOTES:
AC-AIR CORPS
DA-DEFENSE AID
PO-PURCHASE ORDER

* Operational ceiling: 500 ft/min rate of climb
** Normal recon. load
a Service ceiling at maximum weight
b Service ceiling at mean weight
Maximum weight at take-off
d High speed in test on MK IV at Wright Field was 365/20,500 ft.

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
B-OFFICIAL PERFORMANCE REPORT NO.
C-PRELIMINARY FLIGHT TEST

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH BOMBARDMENT

PAGE 5

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFFS. L.	SPEEDS HIGH/ALT./B.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.-1/2 ENGS. OUT	T. O. & LAND "O. OVER 50' OBS. LAND OVER 50' OBS.	RANGE with SPEEDS & POWER			WEIGHTS WT. EMPT WEIGHT WEIGHT	DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	NONE NORMAL MAXIMUM					
FAIRY Swirl Two Bris. Pegasus III or 30	750/4750	144/5500/- 74.8	12.6/1000 17000	- -	**672/103.5 166/103.5	201 201	None 1500	5104 7853 9215	45'6" 36'4" 607 Sq. Ft.	2-.303- 500	L.P. Tanks Only	MID-ONI 11/7/42
HARLEY PAGE Halifax II Four BR-40/41 or 30	1100/18000 1170/21000 1290	258/19000/- -	25.0/15000 a. 21000 b. 25000	3900 2550	2250/195/- 1785/195/- 650/195/-	2815 2254 936	None 1250 13000	36255 59000 59000 59000	99'0" 70'1" 1250 Sq. Ft.	10-.303-1000 1800 Rds. Res.	Armor L.P. Tanks B.F. Glass	A.D./R.D.T.
HARLEY PAGE Halifax III Four Bris. Hercules VI	1300/13500 1550/15500 1610	270/15500/- -	25.0/15000 a. 19000 b. 23000	3900 2700	2514/-/- 1810/-/- 630/-/-	3090 2264 924	None 1450 13000	39,30 63000 59000 63000	99'0" 70'1" 1250 Sq. Ft.	10-.303-1000 1800 Rds. Res.	Armor L.P. Tanks B.F. Glass	A.D./R.D.T. M.A.P.
HARLEY PAGE Hampden Two Bris. Pegasus VIII	750/11750 865/15000 945	239/13800/- 73	25.5/15000 19000	3300 -	1720/-/- 700/-/-	785 376	2000 5000	12764 - 22500	69'2" 53'4" 737 Sq. Ft.	6-.303	L.P. Tanks	S.A.C. 5/12/42
SHORT Stirling Four Bris. Centaurus 3 G.M.	1550/19000 2000/20000 2400	248/3250/- -	8.7/5000 a. 12500 b. 17000	- -	3620/-/- 2920/-/- 1130/-/-	7000 5690 2520	None 4000 21000	71000 120000 120000 120000	150'6" 110'9" 2636 Sq. Ft.	1-.50- 1000 1-.50- 950 1-.50- 300	-	A.D./R.D.T. M.A.P.
SHORT Stirling I Four Bris. Hercules II	1200/14000 1510/14250 1530	265/10500/- -	34.3/15000 a. 18500 b. 20500	4200 3300	2125/200/- 2050/200/- 915/200/-	3350 2706 1392	2250 5750 14000	43200 70000 70000 70000	99'0" 87'0" 1460 Sq. Ft.	8-.303- 1000	Armor L.P. Tanks B.F. Glass	A.D./R.D.T. M.A.P.
SHORT Stirling III Four Bris. Hercules VI	1300/13500 1530/15500 1510	285/15500/- -	25.4/15000 a. 18000 b. 22000	4200 3300	2145/200/- 2015/200/- 820/200/-	3220 2706 1314	1500 5000 14000	43216 70000 70000 70000	99'0" 87'0" 1460 Sq. Ft.	10-.303- 1000	Armor L.P. Tanks B.F. Glass	A.D./R.D.T. M.A.P.
SHORT Sunderland III Four Bris. Pegasus VIII	750/11750 865/15000 945	196/3000/- -	1. /5000 a. 11700 b. 15600	9900 -	2970/-/- 2300/-/- 1895/-/-	3060 2566 2235	None 1900 4000	31517 58000 58000 58000	112'9" 85'4" 1687 Sq. Ft.	6-.303- 1000 1-.303- 700	Armor L.P. Tanks B.F. Glass	A.D./R.D.T. M.A.P.
SHORT Sunderland IV Four Bris. Hercules VIII	- 1575/1500/-	264/15500/- -	6.5/5000 a. 14500 b. 19000	6600 -	3135/-/- 2845/-/- 2545/-/-	4000 3780 3450	None 1900 4000	41910 73350 73350 73350	112'9" 85'4" 1687 Sq. Ft.	6-.303- 1000 1-.303- 700	Armor L.P. Tanks B.F. Glass	A.D./R.D.T. M.A.P.
VICKERS Warwick I Two P.W. Wasp SIAL-G	- 1500/14000	213/14000/- -	18.0/15000 20000	4500 3300	1750/180/- 1480/180/- 545/180/-	1458 1223 758	3875 5275 8000	28750 16000 16000 16000	98'8" 72'4" 1020 Sq. Ft.	4-.303- 2000 1-.303- 1000 2-.303- 500	-	A.D./R.D.T. M.A.P.

NOTES:
a. Service ceiling at maximum weight
b. Service ceiling at mean weight
AC-AIR CORPS
DA-DEFENSE AID
PO-PURCHASE ORDER

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
B-OFFICIAL PERFORMANCE REPORT NO.
C-PRELIMINARY FLIGHT TEST

Prepared by: Technical Data Laboratory, Engineering Division

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BRITISH, BOMBARDMENT		AIRPLANE CHARACTERISTICS & PERFORMANCE												DATE: 1 March, 1944	
MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF C. L.	SPEEDS HIGH/ALT./HP. LANDING	CLIMB TIME TO/FT. SERV. CEIL. CEIL.—1/2 ENGR. OUT	T. O. & LAND T. O. OVER 50' OBS. LAND OVER 50' OBS.	RANGE with FUEL with BOMBS at WEIGHTS			DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS —CAL.—RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE				
					MAXIMUM NORMAL (WITH MAL. BOMBS)	MAXIMUM NORMAL (WITH MAL. BOMBS)	NONE NORMAL MAXIMUM					WT. EMPTY WEIGHT WEIGHT			
VICKERS Warwick II Two Bris. Centaurus IV	- 1775/18400	277/20000/- -	20.0/15000 a. 23000 b. 26500	3000 3300	1675/180/- 1380/180/- 1070/180/-	1458 1223 978	5100 6500 8000	29000 47500 47500	96'8" 72'4" 1020 Sq. Ft.	8-.303-1000 2-.303-500	-	A. D./R. D. T. 1 N.A.P.			
VICKERS Wellington Ic Two Bris. Pegasus XVIII	750/14750 895/15000 965	235/15500/- -	25/19000 15000	-	2550/165/- 1805/165/- 1200/165/-	- - -	1000 2750 4500	18800 30000 -	86'0" 60'10" 830 Sq. Ft.	6-.303-1000	-	Air Tech. Sec ETCUSA Rept. No. 274 10/29/42			
VICKERS Wellington II Two BR-Merlin X	960/13000 1010/17750 1075	244/17000/- -	33.5/15000 18000	4050	1580/195/-	- 900 737	- 3500 4500	20050 33000 32000	86'0" 60'10" 830 Sq. Ft.	4-.303-1000 2-.303-500	Yes	B. A. C. 5/12/42			
VICKERS Wellington III Two Bris. Hercules II	1200/14000 1510/11250 1590	263/11500/- -	25.0/15000 20000	-	2200/185/- 1500/185/-	- -	1500 4500	21220 34500 -	86'0" 60'10" 830 Sq. Ft.	8-.303-1000	-	Air Tech. Sec ETCUSA Rept. No. 274 10/29/42			
VICKERS Wellington VI Two BR-Merlin IX	1035/30000 1035/30000 1225	312/32000/- -	65/35000 a. 36700 b. 38500	3078 2355	- -	- -	- 1500	20290 - 31600	86'2" 62'5" 840 Sq. Ft.	4-.303-1000	-	A. D./R. D. T. 1 N.A.P.			
VICKERS Wellington X Two Bris. Hercules VI	1300/13500 1530/15500 1610	265/15500/- -	22.0/15000 a. 20500 b. 24000	2850 2550	2110/185/- 1690/185/-	1236 900	1500 4500	21110 - 34500	86'0" 60'10" 830 Sq. Ft.	6-.303-1000 2-.303-500	-	A. D./R. D. T. 1 N.A.P.			

NOTES:

AC—AIR CORPS
DA—DEFENSE AID
PO—PURCHASE ORDER

a. Service ceiling at maximum weight
b. Service ceiling at mean weight
/ Maximum weight at take-off

A—ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
B—OFFICIAL PERFORMANCE REPORT NO.
C—PRELIMINARY FLIGHT TEST

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MONTHLY CHART BRITISH - FIGHTERS (U.S. BUILT) PAGE 7

CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH - FIGHTERS (U.S. BUILT) DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF/S. L.	SPEEDS HIGH/ALT./H.P. LANDING	CLIMB TIME TO/FT. SERV. CEIL. CEIL.-1/2 ENGR. OUT	T. O. & LAND T. O. OVER 1/2 OBS. LAND OVER 1/2 OBS.	RANGE with SPEEDS & POWER		FUEL with BOMBS at		WEIGHTS		DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	WORE NORMAL MAXIMUM	WT. EMPTY WEIGHT WEIGHT						
BELL P-100 "AIRACORRA -I" One P-1710-E4	1000/11000 1150/11800 1150	358/12400 -	5.1/10000 29000 -	- -	- -	- -	195-(U.S.) 120-(U.S.)	- -	5878 7982 7835	34'0" 29'9" 213 Sq. Ft.	4-.30-1000 2-.50-270 2-20mm-60	-	AAER-774 & AFIU-No. 34	
CURTISS HK-81A "TOMAHAWK I" One P-1710-C-15	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	2-.50 4-.305	-	AAER-763, a	
CURTISS HK-81A "TOMAHAWK II" One P-1710-C15	- -	343/16000 83	7.7/15000 31200	1320 -	- -	- -	158 101	- -	- -	- -	2-.50 4-.30	-	AAER/763	
CURTISS HK-87A "KITTYHAWK I" One P-1710-F5R	1000/11000 1150/11800 1150	332/14400 322/16200 -	14.2/20000 28700 -	- -	a b	1060/-/- 650/-/-	199 148	- -	5973 8866 8480 8480 Test	37'4" 31'9" 236 Sq. Ft.	6-.50-2160T	-	AAER/783	
CURTISS HK- "KITTYHAWK II" One P-1650-1	1010/16000 1120/18500 1300	354/20400 -	10.9/20000 34300 -	- -	- -	- -	209 158	- -	6482 -	- -	- -	-	AAER/783, a	
DOUGLAS DB-7 "HAWC I" Two R-1830-8304G	1000/12500 1050/13100 1200	- -	- -	- -	- -	- -	326 -	- -	11775 -	61'4" 47'3" 166 Sq. Ft.	- -	-	-	
DOUGLAS DB-7 "HAWC II" Two R-2600-45B	1275/11500 1600	329/13000 -	- -	2640 ** -	- -	- -	326 158	- -	14144 -	48'0" -	- -	-	AAER/771	
GRUMMAN G-36 "MARTLETT I" One R-1820-9205A	900/15200 1200	- -	- -	1560 -	- -	- -	- -	- -	- -	- -	4-.50-	-	AAER/762	
GRUMMAN G-36 "MARTLETT-II" One R-1830-5304G	1000/12500 1050/13100 1200	- -	- -	1710 -	- -	890/-/- -	160 130	- -	5169 7790 7590	38'3" 29'1" 261 Sq. Ft.	6-.50-225	-	AAER/762, a	
GRUMMAN G-36 "MARTLETT III"		NO DATA AVAILABLE	AVAILABLE											

NOTES:
 **-Tested with jettisonable fuel tank Gr. Wt. 8840#
 **-At 17500# and 0° flap
 b-Allowance made for warm up, take off, etc.
 R-Still air range.
 a-Another test at 7300# gave 331 MPH
 #-At weight = 6366#
 AC-AIR CORPS
 DA-DEFENSE AID
 PO-PURCHASE ORDER

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
 B-OFFICIAL PERFORMANCE REPORT NO.
 C-PRELIMINARY FLIGHT TEST

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH - FIGHTERS (U.S. BUILT)

PAGE 6

BRITISH - FIGHTERS (U.S. BUILT)

DATE: 1 March, 1944

MODEL & MFR.	ENG. RATINGS	SPEEDS	CLIMB	T.O. & LAND	RANGE with FUEL with BOMBS at			WEIGHTS	DIMENSIONS	ARMAMENT	COMBAT PROT.	REFERENCE
					with SPEEDS & POWER	with	with					
ENGINE	NORMAL ALT.	HIGH ALT./R.P.	TIME TO FT.	T.O. OVER	MAXIMUM	MAXIMUM	NOVE	WEIGHT	LENGTH	NO. OF GUNS	TYPE	
CONT. NO. PLANES	NIL. CRUI. ALT.	LANDING	SEV. CRUI.	OF GNS.	NORMAL	NORMAL	NORMAL	WEIGHT	WING AREA	- CAL. - RDS. OF		
	TAKE OFF S. L.		ENCL. - 112	LAND OVER	(WITH MAX. BOMBS)	(WITH MAX. BOMBS)	MAXIMUM	WEIGHT		AMM. PER GUN		
ONE	-	-	-	-	-	-	-	5991	-	2-.50-470		ALEX/700,6
WARTLETT IV	-	-	-	-	-	-	-	7760	-	2-.50-150		
One B-1620-005A-3	-	-	-	-	-	-	-	-	-	2-.50-500		
WORTH AMERICAS WA-75	1000/1000	-	7.3/15000	1020	960/-/-	155 (U.S.)	-	5625	-	2-.30-500		ALEX/751
"MUSTANG 1"	1150/1150	374/15000	30000	-	-	-	-	-	-	2-.30-500		
One W-1710-FSR	1,150	-	-	-	-	-	-	-	-	2-.50-500		

NOTES: * 15° flap for takeoff. * One tank labelled 44 U.S. gals. would hold only 72 gals.

AC-AIR CORPS B-OFFICIAL PERFORMANCE REPORT NO.

DA-DEFENSE AID C-FRELIMINARY FLIGHT TEST

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MONTHLY CHART
CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH - BOMBARDMENT (U.S. BUILT)

PAGE 9

BRITISH - BOMBARDMENT (U.S. BUILT)

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF/S. L.	SPEEDS HIGH/ALT./H.P. LANDING	CLIMB TIME TO/PT. SERV. CEIL. CEIL.-1/2 ENGS. OUT	T. O. & LAND T. O. OVER 90° OBS. LAND OVER 90° OBS.	RANGE with FUEL with BOMBS at WEIGHTS				DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAL. BOMBS)	MAXIMUM NORMAL (WITH MAL. BOMBS)	NONE NORMAL MAXIMUM	WT. EMPTY WEIGHT WEIGHT				
LOCKHEED 414 "HUDSON III" Two R-1820-G205A	900/15200 1200	253/15100	-	2100	13 hrs. 7.5 hrs.	896 644	- 1080	- -	65'6" 44'3" 551 Sq. Ft.	2-.303-1500 3-.303-900Tot. 2-.303-2000	-	AAER/739, d.
LOCKHEED 414 "HUDSON IV" Two R-1830-SC36	- -	260/10000	12.0/10000	2620	- -	- -	- -	20000 Test	- -	- -	- -	AAER/739, b.
LOCKHEED 414 "HUDSON V" Two R-1830-83C4-B	1000/12500 1050/13100 1200	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
LOCKHEED VEGA 37 "VENTURA" Two R-2800-81A40	1500/7500 1850/2700 1850	- -	- -	- -	- -	- 565	- 2500	17468 26700	- -	1-.303-1000 2-.303- 750 2-.50- 850	- -	AAER/790
MARTIN 167 MARYLAND I Two R-1830-8C3G	900/12000 1050/7700	294/9000 80	12.1/15000 2750	1560	1870/179/ - -	750 U.S. -	- -	11000 17890 15870 17890 Test	61'4" 46'8" 542 Sq. Ft.	6-.303-500	-	AAER/765
MARTIN 167 MARYLAND II Two R-1830-	NO	DATA AVAILABLE					NO DATA AVAILABLE					
MARTIN 187 BALTIMORE I Two R-2600-45B5	1275/11500 1600	- -	- -	- -	- -	- -	- -	- -	- -	1-.30 1-.30-500 2-.30-600 2-.30-600	- -	- -
MARTIN 187 BALTIMORE II Two R-2600	NO	DATA AVAILABLE					NO DATA AVAILABLE					
MARTIN 187 BALTIMORE III Two R-2600-45B5	1275/11500 1600	301/10400	10.5/14000 23500	- -	770/ - / - -	- 488	- 2000	- 20330	- -	- -	- -	AAER/782, a.
NORTH AMERICAN 8490 MITCHELL I Two R-2600-9	1350/13000 1160/12000 1700	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	AAER/794

NOTES:
 AC-AIR CORPS
 DA-DEFENSE AID
 PO-PURCHASE ORDER

* - At 20500#
 a - ALLOWING 91 U.S. gal. for takeoff, etc.
 # - Range given is practical range = 75% still air range

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH - EQUIPMENT (U.S. BUILT)

PAGE 10

BRITISH - EQUIPMENT (U.S. BUILT)

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. HIG. CRIT. ALT. TAKE-OFF & L.	SPEEDS HIGH ALT. H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL. - 1/2 ENGR. OUT	T.O. & LAND T.O. OVER 1/4 OBS. LAND OVER 1/4 OBS.	RANGE with FUEL with BOMBS at WEIGHTS			DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-MDS. OF AMM. PER GUN	COMBAT PRGT. TYPE	REFERENCE
					MAXIMUM NORMAL [WITH MAX. BOMBS]	MAXIMUM NORMAL [WITH MAX. BOMBS]	NONE NORMAL MAXIMUM				
BOEING 297 "FORTRESS II" Four B-1820-65	1000/25000 1200/25000 1200	300/25000/-	15.1/15000	2850 2100	2550/190/- 2230/190/- 1815/190/-	2520 2120 1730	- 3700 7400	22065 - -	2-50-150 2-50-50 2-50-200 2-50-	-	AAEE/770, a AD AS/701
CONSOLIDATED 2 B "CATALINA" Two B-1830-					NO DATA AVAILABLE						
CONSOLIDATED 1B-30 "LIBERATOR I" Four B-1830-830L8	1000/12500 1050/13100 1200	-	-	2500	-	-	-	110'0" 66'0" 104 Sq. Ft.	-	-	AAEE/769
CONSOLIDATED 1B-30 "LIBERATOR II" Four B-1830-830L8	1000/12500 1050/13100 1200	250/14000/-	-	-	2200/-/-	-	5000	-	4- 303-500 + 500 res. 4- 303-2200 4- 303-1000 2- 303- 500	-	E.F. D.U. 30 14
CONSOLIDATED 1B-30 "LIBERATOR III" Four B-1830-13	1100/25000 1200/25000 1200	305/25000/-	25.0/10000	3665	3000/-/- 2180/-/- 1540/-/-	3120 2270 1610	None 4000 8000	33500 - -	-	-	AAEE/769, a
DOUGLAS DB-7 "BOSTON I" Two B-1830-803B	900/12000 1000/11500 1050	307/10000/-	13/20000	2025	2110/-/- 750/-/- 880/180/-	- - -	- - -	- - -	-	-	-
DOUGLAS DB-7 "BOSTON II" Two B-1830-											
DOUGLAS DB-7 "BOSTON III" Two B-2500-ASB	1275/11500 1500	312/13000/-	-	3540 a. 2835 b.	620/170/- 880/170/-	512 382 526	- 2000 2000	15715 23000 21550 22400	61'4" 47'3" 4-20mm-60 2- 303-500	-	AAEE/752, c
LOCKHEED 214 "HUDSON I" Two B-1820-8102A	900/8700 1100	257/8000/-	-	2970	-	-	-	-	-	-	AAEE/739
LOCKHEED 214 "HUDSON II" Two B-1820-8102A	900/8700 1100	-	-	-	-	-	-	20500 - test	-	-	AAEE/

NOTES: * At 53000# gross weight
 ** Estimated
 a At 23000# gross weight with 15° flap
 b At 21500# gross weight with 15° flap
 c Armament used in "INTERDUX" version
 d At 17500# gross weight
 A--ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
 B--OFFICIAL PERFORMANCE REPORT NO.
 C--PRELIMINARY FLIGHT TEST

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

BRITISH BOMBARDMENT (U.S. BUILD)

PAGE 11

DATE: 1 March, 1944

MODEL & MFR. ENGINE	ENG. RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH ALT./HP LANDING	CLIMB TIME TO FT SERV. CEIL. ENGL. -1-2 ENGL. OUT	T. O. & LAND T. O. OVER OF OBS. LAND OVER OF OBS.	RANGE with SPEEDS & POWER		FUEL with		BOMBS SOFT SORMAL MAXIME	WT. DUTY WEIGHT WEIGHT HEIGHT	DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS CAL. - DIA. OR MM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	SOFT SORMAL MAXIME	WT. DUTY WEIGHT WEIGHT HEIGHT						
NORTH AMERICAN BA-90 MITCHELL II Two B-2500-13	1350/13000 1150/12000 1700	284/14800	10.8/15000 26700	-	-	-	-	-	-	25000 - 10000	-	2-50 3-50 1-50	-	4435/750-1
VOUGHT SIROCKY W-156 CHESAPEAKE I One B-1557-2B40	750/8800 825	222/12700	20.0/10000 16000	2300	1170/-/-	245 (0.8.)	500	5000	-	-	-	2-50 1-50-1100	-	4435/773
VOUGHT SIROCKY KINGFISHER I One B-957-1A-2	- -	** 163/7900	** 29.2/10000 11500	** 2130	-	200	100	1000	-	-	-	1-50-500 1-50-500	-	4435-750
WULTER VENUSIAN I One B-2500-45B-5	- -	-	-	-	-	750/106/- 140/106/-	50	500	525	-	-	0-50	-	-

NOTES:
* At 8010ft
** At max. gross weight
AC-AIR CORPS
DA-DEFENSE AID
PO-PURCHASE ORDER

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY
B-OFFICIAL PERFORMANCE REPORT NO.
C-PRELIMINARY FLIGHT TEST

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

FEBRUARY - FIGHTERS

PAGE 12

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENGL RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH ALT. HP LANDING	CLIMB TIME TO FT. SERV. CEIL. CEL. -1.7 ENGL. OLT	T.O. & LAND T.O. OVER OR DRG. LAND OVER OR DRG.	RANGE with SPEEDS & POWER		FUEL with		BOMBS SC-BAL MAXIMUM	WEIGHTS		DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS CALIBER OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. WIND)	MAXIMUM NORMAL (WITH MAX. WIND)	WING	SC-BAL		WT EMPTY	GROSS WEIGHT GROSS WEIGHT GROSS WEIGHT				
ROCKE-WELF 190A-3 (1) BW - SOLD FIGHTER	1450/- 1600/11000 1695/S.L.	395/17000 110	6.25/18000 36000 NONE	2290 2700	420/230/- 360/225/- 410/230/-	215 138 138	NONE NONE NONE	6650 6200 5600 5000		32'6" 39'2" 205 sq. ft.	2-7.9mm-1000 2-0.5in - 250 2-0.5in - 50		INCL. DATA FILES		
ROCKE-WELF 190A-4 (1) BW - SOLD-2 FIGHTER NUMBER	1755/1850 1695/S.L.	320/19000	10.25/18000 31500 NONE	- -	470/270/-	236 138 138	NONE 550 1100	10550 -		34'0" 31'0" 205 sq. ft.	2-7.9mm - 2- 20mm -		ALL		
JUNERS J26605 (2) BW - SOLD NIGHT FIGHTER	1450/18000 1530/20000 1695/S.L.	317/17500	10.3/18500 30000 -	2310 2050	1500/215/- 800/230/-	318 124	NONE -	21000 7700 25000		50'0" 47'0" 300 sq. ft.	3-0.5in - 120 7-7.9mm-1000		ALL		
MESSERSCHMITT ME-109F (1) DAIM. BENZ. DB-601E FIGHTER	1220/15000 1390/14500 1395/S.L.	390/22000	5.7/18000 39000 NONE	1800 2100	1090/205/- 600/205/- 510/200/-	185 185 105	NONE 550 550	4780 300 6500 6120 7000		37'0" 39'3" 172 sq. ft.	2-7.9mm-500 1- 20mm-200		ALL		
MESSER. ME-109G2, 4, 6 (1) DAIM. BENZ. DB-605A FIGHTER	1330/16000 1520/15000 1425/S.L.	395/22000	6.2/18000 37500 NONE	1800 2100	1020/210/- 115/216/- 935/210/-	185 105 105	NONE -	4685 7850 6670 7300		32'6" 29'3" 172 sq. ft.	2-7.9mm-500 1- 20mm-200 (6-0.5in. OPTIONAL)		ALL		
MESSERSCHMITT 110F (2) DB-601F FIGHTER	1220/15000 1390/14500 1395/S.L.	355/20000 95	8.5/16500 33500 -	1600 1800	2120/200/- 920/200/-	588 336 -	NONE NONE 415	9900 20500 15500 20500		33'9" 40'3" 415 sq. ft.	1-7.9mm-1000 2-7.9mm-750 2-0.5in - 100		ALL		
MESSER. ME-210A, B, C, D (2) DAIM. BENZ. DB-601F 2 ENGINE FIGHTER	1320/15000 1390/14500 1395/S.L.	368/20000 95	10.6/15500 28500 -	- -	1740/227/- 1280/200/-	604 660 660	NONE NONE 1100	15900 23900 20450 21350		33'9" 40'3" 530 sq. ft.	2-7.9mm-500 2- 1.5in-450 2- 20mm-500		ALL		
MESSER. ME-110A-1 (2) DAIM. BENZ. DB-603A-2 FIGHTER-NUMBER	1900/7200	390/22000 310/S.L.	11/20000 32500 -	- -	1105/250/-	906 504	- 1100 2850	- 19000 21100		51'0" 51'0" 400 sq. ft.	2-20mm - 2-7.9mm- 2-1.5in		ALL		

NOTES: R-REVISED
AC-AIR CORPS
DA-DEFENSE AID
PO-PURCHASE ORDER

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

PAGE 13

DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF S.L.	SPEEDS HIGH ALT./H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.-1/2 ENGS. OUT	T. O. & LAND T. O. OVER 50' OBS. LAND OVER 50' OBS.	RANGE with FUEL with BOMBS at WEIGHTS			WEIGHT EMPTY GROSS WEIGHT GROSS WEIGHT	DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-LDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	NONE NORMAL MAXIMUM					
<u>DOERNER DO-217E</u> (2) BMW - 801A BOMBER	1365/11250 1495/17750 1530/ S.L.	310/17000 -	21/17000 22500 -	4650 -	2150/220/- 1010/255/- 960/245/-	1650 780 780	NONE 4400 6600	22500 34000 34000	62'5" 56'6" 590 Sq. Ft.	1-20mm-60 2-7.9-1000 or 4-7.9mm - 2-15mm-450	ARMOR	TECH DATA FILES
<u>DUKE-WULF 200E</u> (4) BRAMO-PAPHR "323E" BOMBER	765/11000 940/12000 985/ S.L.	235/13000 95	11.7/15000 21500 -	- -	2130/170/- 1250/170/- 1140/215/-	2112 1105 1004	3300 3300 11000	47200 - 50500	108'0" 78'0" 1200 Sq. Ft.	2-20mm-200 4-7.9mm-500 2-15mm-150	ARMOR	"
<u>HEINDEL 111E</u> (2) DB-6C1A BOMBER	850/15250 1035/13100 1085/ S.L.	274/12300 85	16/15000 23600 -	2200 1800	2640/230/- 1600/215/- 1290/195/-	1321 912 848	NONE 4400 5200	14400 26600 35300 31000	73'10" 53' 8" 940 Sq. Ft.	1-20mm-200 5-7.9mm-500 1-15mm-325	ALL	"
<u>HEINDEL 177</u> (2) DAIM. BENZ: DB-606 BOMBER	2350/15000 2700/14000 2550/ S.L.	295/17000 95	32/17000 21000 -	- -	3150/220/- 1315/255/-	3700 1740 -	2200 - 15800	36000 - 67000 -	103'9" 67'5" 1100 Sq. Ft.	(EST.) 6/10-20mm- 150	ARMOR	"
<u>HENSCHEL HS-129</u> (2) GRUMB-RHONE 11M BOMBER	660/13100 800/8000 800/ S.L.	275/9000 -	7/10000 24500 -	3000 1800	690/150/- 440/150/-	240 160 160	220 220 770	9300 - 11100 12000	44'6" 33'4" 305 Sq. Ft.	2-7.9mm-1000 2-20mm-200 1-30mm-30	ALL	"
<u>JUNKERS JU-52/3M</u> (3) BMW - 132A TROOP TRANSPORT	660/ S.L.	165/S.L.	- 21000 -	1920 1800	790/132/- 530/132/-	640 435 -	22 TROOPS	23100 - 23100	95'10" 62'0" 1190 Sq. Ft.	5-7.9mm-	NONE	"
<u>JUNKERS Ju-207A</u> (2) JUNKERS JU-207A PRESS. CABIN BOMBER	800/26000 1000/26000 1000/ S.L.	290/30000 -	- 42000 -	1980 2280	1700/-/- 1500/240/-	640 580 -	NONE 1750 2200	- 22900 -	78'0" 53'0" 900 Sq. Ft.	NONE	NONE	"
<u>JUNKERS Ju-211J</u> (1) JUNKERS JU-211J DIV. BOMBER	1175/11300 1300/12500 1360/ S.L.	255/13500 -	19/15000 18500 NONE	- -	1220/180/- 720/180/- 620/185/-	360 204 204	NONE 2200 4400	8900 11500 12600 14300	45'4" 36'6" 335 Sq. Ft.	4-7.9mm-1000	ALL	"
<u>JUNKERS Ju-211F</u> (2) JUNKERS JU-211F BOMBER	1075/13300	273/14000 -	31.8/17500 28000 -	3000 1640	1853/224/- 1195/230/- 540/225/-	1190 770 445	NONE 2200 6400	26500 26000 27600	66'0" 47'0" 590 Sq. Ft.	1-20mm- 7-7.9mm-	ALL	"
<u>JUNKERS Ju-211G</u> (2) BMW 801 G-2 BOMBER	1530/20000	325/20000 -	34000 -	- -	800/254/-	990 640 imp.	- 3800	- -	72'6" 49'0" 600 Sq. Ft.	1-20mm - 3-15mm -	ALL	"

NOTES:
AC-AIR CORPS
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PO-PURCHASE ORDER

* ESTIMATED

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CONFIDENTIAL JAPANESE AIR FORCE MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE JAPANESE AIR FORCE PAGE 11

(REVISED) DATE: 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH/ALT./H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL. - 1/2 ENGS. OUT	T. O. & LAND T. O. OVER 50' OBS. LAND OVER 50' OBS.	RANGE with FUEL with BOMBS at WEIGHTS			DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. TYPE	REFERENCE	
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	NONE NORMAL MAXIMUM					WT. EMPTY WEI HT DESIGN GROSS WEIGHT
TYPE 97 F KATE ONE HIKARI FIGHTER	800/ 13000	280/13000/-	3600 FPM 33000'	-	800/200/- 460/233/-	161* 80	-	3250 5000 4400	35'7" 24'4"	4-7.7mm - 550	NONE	For. Equip
TYPE 0 F ZEKKE ONE NAKAJIMA SAKAE 12 MK-1 FIGHTER	950/ 13750	326/16000/-	2750/ S.L. 38500'	-	1180/1149/- 895/1146/-	225* 139	-	3718 6136 5555	39'5" 29'7" 24.8 Sq. Ft.	2-7.7mm - 500 2-20mm- 60	NONE	" "
TYPE 0 F HAMP ONE NAKAJIMA SAKAE 21 FIGHTER	945/ 17800 1060/ 15000	350/17000/-	3200/ S.L. 40200'	-	1680/1146/- 1180/153/-	228* 134	-	3913 6331 5750	36'2" 29'9" 23.8 Sq. Ft.	2-7.7mm - 600 2-20mm -100	NONE	" "
TYPE 1 F OSCAR TYPE 99 FIGHTER	950/ 15000	315/15000/-	35000	-	1025/175/-	257* 116	-	3385 - 4765	37'9" 29'2" 23.5 Sq. Ft.	2-13mm-220	L.P. (Ineffective)	" "
TYPE 99 DB VAL ONE KINSEI 14 DIVE BOMBER	990/6500 1075/6500 1000	239/ 6200/-	27000	-	1320/110/- 875/190/-	313 271	814	5900 - 8070	48' 37'	3-7.7mm -	NONE	" "
TYPE 97 TB KATE ONE NAKAJIMA SAKAE 11 TURP. BOMBER	1000/ - / -	230/10000/-	21000	-	1100/164/- 980/179/-	-	800 1760	4830 7230 8330	52' 34' 370 Sq. Ft.	2-7.7mm - 600 1-7.7 - 300	NONE	" "
TYPE 97 2EB SALLY TWO KINSEI MED. BOMBER	870/ 10000/-	230/10000/-	2.1/3300'	-	2140/150/- 1200/130/-	610 651	2000 4400	- - -	72' 52'	7-7.7mm - (300-700 Rds.)	NONE	" "
TYPE 1 2EB BETTY TWO KINSEI 15 MED. BOMB	1320/19800/- 1320	286/13500/-	30000	-	3000/180/- 1800/130/-	1353 756	1760	14722 27500 20112	81'10" 66'3"	3x7.7mm -300 1x 20mm - 90	L.P. (Ineffective)	" "
TYPE 0 RUFE ONE NAKAJIMA SAKAE 12NK-1 SEAPLANE FIGHTER	950/13750/-	280/16000/-	2500/ S.L. 36500'	-	1180/1149/- 895/1146/-	** 225 139	-	4115 6136 5920	39'5" 33'2" 24.8 Sq. Ft.	2-7.7mm -500 2-20mm - 60	NONE	" "
TYPE 0 FP PETE ONE SUISEI 13 REC. FLOAT PLANE	-	220/ 9000/-	26000	-	-	-	-	4192 - 5623	37' 26'6"	2x7.7mm- 500 117.7mm -700	NONE	" "

NOTES:
* - Jettisonable fuel tank.
** - Extra fuel carried in main float.
X - This is O SEE ZEKKE equipped with 1 main and two wing tip floats.
AC-AIR CORPS
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r REVISED

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CONFIDENTIAL MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE

JAPANESE AIR FORCE

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JAPANESE AIR FORCE

DATE (REVISED) 1 March, 1944

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL/ALT. MIL./CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH/ALT./B.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL.-12 ENGS OUT	T. O. & LAND T. O. OVER 97 OBS. LAND OVER 97 OBS.	RANGE with FUEL with BOMBS at WEIGHTS			DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CALIBERS OF AMM. PER GUN	COMBAT PROT. REFERENCE TYPE	
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	NONE NORMAL MAXIMUM				WEIGHT DESIGN GROSS WEIGHT
TYPE 97 LEFB MAVIS FOUR-KINSEI 43 FLY BOAT	900/13000/-	160/13000/-	26000	-	2200/110/- 1900/127/- 1790/110/-	2350 1767 1767	- - 3500	25000 50000 44100	131' 82'	4-7.7mm - 1-20mm -	NONE FOR. EQUIP.
TYPE 99 2RB LILY TW. 99 KAWASAKI LIGHT BOMBER	950/- / -	-	-	-	-	362	- 792	-	56'11" 47'3"	4-7.7 -	ARMOR L.P. INEFFECTIVE.
TYPE 0 2RB DINAH TWO-102 MITSUBISHI RECONNAISSANCE	1050/- / -	315/23000	-	-	-	-	-	-	50'0" 36'0"	NONE	NONE
TYPE 3 F TONY ONE TYPE 2 KAWASAKI SINGLE SEAT FIGHTER	1100/- / -	370/18000	-	-	1050/- / - 700/- / -	- 192	-	6650 5800	38'4" 30'0"	2-12.7- 2-7.7-	ARMOR L.P. INEFFECTIVE
TYPE 2 F NICK TWO SARAE 21 FIGHTER	945/17800/- 1060/15000/-	350/18000/-	34000	-	850/- / -	302	-	11500	50'0" 37'0" 335 Sq. Ft.	4-12.7-	NONE
TYPE 97 2RB SALLY MGR TWO TYPE 100 MITSUB. MED. BOMBER	1150	285/13000/-	30000	-	950/- / -	-	6000	21500	74'8" 48'0"	5-7.7mm- 1-12.7mm-	L.P. TANKS (INEFFECTIVE)
TYPE 2 R JUDY ONE 21 AISUYA RECONNAISSANCE	965/- 1200	-	-	-	-	449 275	-	5115 3028	37'0" 33'6" 284 Sq. Ft.	3-7.7mm-	-
TYPE 2 F TOJO ONE 1150 NAKAJIMA FIGHTER	1150	360/12300	-	-	-	197 128	-	5200 4596 5060	31'0" 29'5" 165 Sq. Ft.	2-7.7mm - 2-12.7mm-	L.P. INEFFECTIVE NO ARMOR

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CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

RUSSIAN AIR FORCE

PAGE 16

RUSSIAN AIR FORCE

DATE: 1 March, 1941

MODEL & MFR. ENGINE CONT. NO. PLANES	ENG. RATINGS NORMAL ALT. MIL. CRIT. ALT. TAKE-OFF S. L.	SPEEDS HIGH ALT. H.P. LANDING	CLIMB TIME TO FT. SERV. CEIL. CEIL. - 1/2 ENGS. OUT	T. O. & LAND T. O. OVER 50' OBS. LAND OVER 50' OBS.	RANGE with FUEL with BOMBS at WEIGHTS			DIMENSIONS SPAN LENGTH WING AREA	ARMAMENT NO. OF GUNS -CAL.-RDS. OF AMM. PER GUN	COMBAT PROT. REFERENCE		
					MAXIMUM NORMAL (WITH MAX. BOMBS)	MAXIMUM NORMAL (WITH MAX. BOMBS)	NONE NORMAL MAXIMUM				WT. EMPTY WEIGHT WEIGHT	
I-16 M-63 Engine Fighter	1000/13500	270/S.L. 300/15000	5/15000 22000 NONE	-	320/170/- 245/258/-	67 67	-	5000 5000	29'2" 20'4" 125 Sq. Ft.	4-7.6 mm	ATS STOUSA 9/28/43	
I-17 M-100 Engine Fighter	1100	306/12780/-	5.2/12780 36000 NONE	-	641/273/-	-	220	-	33'2" 24'4" 191 Sq. Ft.	4- MG	S.I.D. 10/10/40	
MIG-3 M-35 Engine Fighter	1200/19500	375/22000/- 310/S.L.	2.5/20000 35000 5000	-	470/230/- 390/310/-	105 135	-	6700 6700	30'6" 26'7" 110 Sq. Ft.	2-7.6 mm 1-12.7 mm	ATS STOUSA 9/28/43	
IL-2 (Stormovik) M-38 Engine Dive Bomber	1600/6500	350/S.L./- 275/6000/-	6.5/10000 -	-	330/170/- 280/235/-	120 120	1100 1100	12500 12500	47'11" 38'0" 365 Sq. Ft.	2-20 mm 2-7.6 mm	ARMOR L.P. TANKS B.P. GLASS	
TB-6 Four, M-105 Engines Heavy Bomber	600	250/-/-	21/13000 26000	-	1250/-/-	-	6600	-	-	6 MG	M.I.D. 4/26/41	
SB-3 Two, M-105 Engines Bomber	950/11800	230/S.L./- 260/11000/- 69	10/11000 25218	-	1085/150/- 850/220/- 180/150/-	120 120 212	1320 1320 3640	10035 17000 † 17000 †	66'11" 41'0" 615 Sq. Ft.	2-7.6mm-950 1-7.6mm-1050 1-7.6mm-700	ARMOR L.P. TANKS	ATS STOUSA 9/28/43
DB-3F Two, M-87 Engines Bomber	1100/19700	270/16000/-	16/16400 26500	-	2500/160/- 1180/230/- 1000/210/-	1000 808 510	3300 2200 6400	21750 18700 21750	70'2" 47'7" 705 Sq. Ft.	2-7.6mm-1100 2-7.6mm-1100 1-7.6mm- 650	-	
PP-2 Two, M-105 Engines Dive Bomber	1050/12000	265/S.L./- 295/11000/-	10/11000 -	-	580/185/- 485/255/-	258 258	2200 2200	16500 † 16500 †	56'1" 41'5" 355 Sq. Ft.	3-7.6mm- 1-12.7mm-	-	
TB-7 Four, M-35A Engines Heavy Bomber	1200/19500	235/S.L./- 275/22000/-	28.5/22000 32000	-	2550/185/- 2200/238/- 1850/185/-	2580 2580 1920	4400 4400 6600	63000 63000 63000	132'0" 74'0" 2050 Sq. Ft.	2-7.6mm- 100 1-20mm- 160 1-20mm- 200 2-12.7mm-200	-	

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