

SPARK PLUGS INDICATED IN RED
ARE RECOMMENDED PLUGS
SPARK PLUGS SHOWN IN SHADED BACKGROUND
ARE PRECIOUS METAL PLUGS



AIRCRAFT PRODUCTS

SPARK PLUGS

AIRCRAFT SPARK PLUG APPLICATIONS (FAA/PMA APPROVED)

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	
	A-88				

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	
	A-88				

TELEDYNE CONTINENTAL MOTORS

A-65, 75, 80, A100	S-88 / A-88	SR-88 SR-83P	HSR-88 HS-88† HSR-83P	4 or 8
C-75, 85, 90, 115, 125, 145	S-88 / A-88	SR-88 SR-83P SR-93	HSR-88 HS-88 HSR-83P HSR-93	8
E-165, 185, 225	S-88 / A-88	SR-88 SR-83P SR-93	HSR-88 HS-88 HSR-83P HSR-93	12
0-200-A, B, C 0-300-A, B, C, D	S-88 / A-88	SR-88 SR-83P SR-93	HSR-88 HS-88 HSR-83P HSR-93	8 / 12
60-300-A, B, C, D, E, F		SR-87 SR-83P SR-93	HSR-87 HSR-83P HSR-93	12
10-346-A, B		SR-87 SR-83P SR-93	HSR-87 HSR-83P HSR-93	8
10-360-A, C, D, E		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	12
10-360, B	S-88	SR-88 SR-83P SR-93	HSR-88 HS-88 HSR-83P HSR-93	12
TS10-360-A, B, C		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	12
0-470-A, E, J, K, L, R		SR-88 SR-87 SR-83P SR-93	HSR-88 HS-88† HSR-87 HSR-83P HSR-93	12
0-470-B, G, H, M, N, P		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
0-470-2		SR-86 SR-83P SR-93	HSR-86 HSR-83 HSR-93	12
0-470-4, 11, 13, 13A, 15	S-88	SR-88 SR-83P SR-93	HSR-88 HS-88 HSR-83P HSR-93	12

TCM (cont.)

10-470-A		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
10-470-C, G, R, P, T		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
10-470-J, K	S-88	SR-88 SR-83P SR-93	HSR-88 HS-88† HSR-83P HSR-93	12
10-470-D, E, F, H, L, M, N, S, U, V, VO, LO			271 273 281 283 291 293	12
G10-470-A			271 273 281 283 291 293	12
L10-470-A		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
TS10-470-B, C, D			271 273 281 283 291 293	12
10-520-A, B, C, D, E, F, J, K, L			271 273 281 283 291 293	12
TS10-520-A, B, C, D, E, G, H, J			273 283 293	12
GTS10-520-C, D, E, F, G, H			273 275 283 293	12

† (3/4-20 plug type with NO resistor)

SPARK PLUGS INDICATED IN RED ARE RECOMMENDED PLUGS
 SPARK PLUGS SHOWN IN SHADED BACKGROUND ARE PRECIOUS METAL PLUGS

AIRCRAFT SPARK PLUG APPLICATIONS (FAA/PMA APPROVED)

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

TCM (cont.)					
W-670	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HS-88† HSR-87 HSR-83P HSR-93	14	
	A-88				

FRANKLIN (cont.)					
6V-350-A, B					12
				273	
				281	
				283	
				291 293	

FRANKLIN ENGINE CO., INC.					
2A-4 Series	SA-43 A-44				4
2A-120 Series			273		4
4A4 Series	SA-43 A-44				8
4AC Series	SA-43 A-44				4 or 8
4A-235-B		171 181	271 281 291		
6AC, 6AG, 6AL, 6A4, 6A8 Series	SA-43 A-44				12
6A4-200 Series 6V4-200 Series		SR-47P			12
6V6-245 Series		SR-47P			12
6A-335-A		SR-47P			12
6A-335-B, D		171 181	281		12
6V-335-A, B Series		SR-47P			12
6V-335-A1A, A1B		171 181	271 281 291		12
6VS-335-A, B		171 172 181	273 272 281 283 291 293		12
6A-350 Series			273 281 283 291 293		12

JACOBS AIRCRAFT ENGINE CO.					
L4MB L6MB Series		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93		14
R-755-A, B, E, S Series		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93		14

LYCOMING DIVISION					
0-235 Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
0-290 Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
0-320-A, B, C, D, E Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
10-320-A, B, E Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
10-320-C Series		171 181	271 281 291		8
0-340-A, B Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
0-360-A, B, C, D Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8
H0-360 Series H10-360-B Series I0-360 Series		SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93		8

† (3/4-20 plug type with NO resistor)

SPARK PLUGS INDICATED IN RED
 ARE RECOMMENDED PLUGS
 SPARK PLUGS SHOWN IN SHADED BACKGROUND
 ARE PRECIOUS METAL PLUGS



AIRCRAFT PRODUCTS

SPARK PLUGS

AIRCRAFT SPARK PLUG APPLICATIONS (FAA/PMA APPROVED)

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

LYCOMING (cont.)				
IO-360-A, C Series		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	8
IO-360-B Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93	8
VO-360-A, B Series		SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93	8
HIO-360-A, C AIO-360		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	8
TIO-360		171 181	271 273 281 283 291 293	8
O-435-A, C,	S-88 A-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93	12
O-435-K Series		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
GO-435		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	12
GO-435-C, D Series		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
VO-435-A Series (short reach) #		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12
VO-435 Series (long reach) #		171 181	271 281 291	12
TVO-435-A, B Series (short reach)#		SR-87 SR-86 SR-83P SR-93	HSR-87 HSR-86 HSR-83P HSR-93	12

LYCOMING (cont.)				
TVO-435-A, B, D, E, F, G, Series (long reach) #		171 181	271 273 281 283 291 293	12
GO-480-B, C, D, F, G Series (short reach) #		SR-87 SR-83P SR-93	HSR-87 HSR-83P HSR-93	12
GO-480-G (long reach) #		171 181	271 281 291 283 293	12
GSO-480-A, B Series (short reach)#		SR-87 SR-83P SR-93	HSR-87 HSR-83P HSR-93	12
GSO-480-A, B Series (long reach) #		171 181	271 281 291 283 293	12
IGSO-480-A Series (short reach) #		SR-86 SR-87 SR-83P SR-93	HSR-86 HSR-87 HSR-83P HSR-93	12
IGSO-480-A Series (long reach) #		171 181	271 273 281 283 291 293	12
O-540-A, D, E, F, G, Series	S-88 A-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93	12
O-540-B Series	S-88 A-88	SR-88 SR-83P SR-93	HSR-88 HSR-83P HSR-93	12
IO-540-A, B, E, G, K Series		SR-86 SR-83P SR-93	HSR-86 HSR-83P HSR-93	12
IO-540-C, D, N Series	S-88	SR-88 SR-87 SR-83P SR-93	HSR-88 HSR-87 HSR-83P HSR-93	12

For proper thread reach determination, see Lyc. Serv. Ltr. L-135A (2-14-64)



AIRCRAFT PRODUCTS

SPARK PLUGS INDICATED IN RED
ARE RECOMMENDED PLUGS

SPARK PLUGS SHOWN IN SHADED BACKGROUND
ARE PRECIOUS METAL PLUGS

AIRCRAFT SPARK PLUG APPLICATIONS (FAA/PMA APPROVED)

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

LYCOMING (cont.)

IO-540-G, J, K, M, P, R		171	271 273	12
		181	281 283 291 293	
VO-540-A, B, C Series (short reach)#		SR-87	HSR-87	12
		SR-86	HSR-86	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
VO-540-A, B, C Series (long reach) #		171	271	12
		181	281 291	
IGO-540-A, B Series (short reach) #		SR-83P	HSR-83P	12
		SR-93	HSR-93	
IGO-540-A, B Series (long reach) #		171	271	12
		181	281	
IVO-540 Series		171	271	12
		181	281 291	
TIO-540-A, C, F, J Series		171	271 273	12
		181	281 283 291 293	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
IGSO-540-B Series (short reach) #		SR-83P	HSR-83P	12
		SR-93	HSR-93	
IGSO-540-A, B Series (long reach) #		171	271 273	12
		181	281 291 283 293	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
TIVO-540-A Series		171	271 273	12
		181	281 283 291 293	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
TIO-541-A, E TIGO-541 Series		171	271 273	12
		181	281 283 291 293	
		SR-83P	HSR-83P	
		SR-93	HSR-93	

LYCOMING (cont.)

IO-720-A Series		SR-86	HSR-86	16
		SR-83P	HSR-83P	
		SR-93	HSR-93	
IO-720-B		171	271	16
		181	281 291	
		SR-83P	HSR-83P	

PRATT & WHITNEY AIRCRAFT

R-985		SR-87	HSR-87	18
		SR-86	HSR-86	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
R-1340		SR-86	HSR-86	18
		SR-83P	HSR-83P	
		SR-93	HSR-93	
R-1830		171	271	28
		181	281 291	
		SR-83P	HSR-83P	
R-2000		171	271	28
		181	281 291	
		SR-83P	HSR-83P	
R-2180		171	271	28
		181	281	
		SR-83P	HSR-83P	
R-2800		171	271	36
		175*	275*	
		181	281 283 291 293	
		SR-83P	HSR-83P	
		SR-93	HSR-93	
R-4360		171	271	56
		181	281 291	
		SR-83P	HSR-83P	

WRIGHT AERONAUTICAL DIV.

J-5 Series		SR-88	HSR-88	18
R-540 Series		SR-88	HSR-88	14
R-760 Series (short reach)		SR-88	HSR-88	14
R-975 Series (short reach)		SR-87 SR-86		18

* See latest P & W Service Bulletin No. 1175

For proper thread reach determination, see Lyc. Serv. Ltr. L-135A (2-14-64)

SPARK PLUGS INDICATED IN RED
ARE RECOMMENDED PLUGS

SPARK PLUGS SHOWN IN SHADED BACKGROUND
ARE PRECIOUS METAL PLUGS



AIRCRAFT PRODUCTS

SPARK PLUGS

AIRCRAFT SPARK PLUG APPLICATIONS (FAA/PMA APPROVED)

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

ENGINE MODEL	NO RESISTOR		RESISTOR - SHIELDED		PLUGS PER ENGINE
	SHIELDED	UNSHIELDED	5/8 - 24	3/4 - 20	

WRIGHT (cont.)				
R-760 Series (long reach)		171 181		14
R-975 Series (long reach)		171 181		18
R1300 C7 Series		172 181	272 281 291	14
R1820 C9 Series Except Heifhez		171 181	271 281 291	18
R1820 989C9-HE1			273	18
R-2600 C14 Series		171 181		28
R-3350 C18-BA, BB, BD		171 181	271 281	38
R-3350 C18-CA, CB			275 286	36
R-3350 972TC18-DA1, DA2, DA3, DA4			275 286	36
R-3350 981TC18-EA1			275 286	36

WRIGHT (cont.)				
R-3350 988TC18-EA1, EA2, EA4, EA5			275 286	36
MISCELLANEOUS				
Allison - All models		171 181	271 281 291	24
Lambert - All Models	S-88 A-88	SR-88	HSR-88	10
Menasco - All Models	S-88 A-88	SR-88	HSR-88	4, 8 or 12
Ranger - All models (18 mm short reach)		SR-88	HSR-88	12
Ranger (14 mm short reach)		SR-47P		24
Rearwin-Ken Royce; LeBlond (All models)	S-88 A-88	SR-88	HSR-88	10 or 24
Warner - All models	S-88 A-88	SR-88	HSR-88	10 or 14

Certain AC Spark Plugs are recommended where they have been found best suited for general field use. Other approved AC Spark Plugs are listed and should be used if they are more satisfactory to the overall operation.

SPARK PLUG APPLICATION INFORMATION TAKEN FROM
ENGINE MANUFACTURER AND/OR FAA DATA.

