

DESCRIPTION AND MAINTENANCE INSTRUCTIONS

SPARK PLUGS & MAGNETOS
APPROVED TYPES FOR RCAF ENGINES

(This EO replaces EO 15-5F-2C dated 30 Nov 54)

1 The spark plugs listed are not in order of preference. In any one engine all spark plugs installed are to be of the same type.

are maintained as a complete set. Unserviceable or incomplete sets are to be reported in accordance with CAP 16, Vol. 1, Sec. Q13/1.

2 Spark plugs are to be changed at periods detailed in the relevant aircraft maintenance schedules.

Engine USAF Approved Spark Plugs

3 Aircraft deliveries from the USAF may have spark plugs installed that are not listed in this Engineering Order. However, if these plugs are authorized by the USAF, they may be accepted and are to be used provided they

Wright GR 2600	LS88RC 35 S SL 2 K
P&W R985	RC26S 706 SR SH 2 K
P&W R1340	RC26S 706 SR SH 2 K

ENGINE	REF.	SPARK PLUG	GAP	REF.	MAGNETO
Rolls Royce Merlin 620/622	37S/16	Lodge LR 3R	.018 to .020	37A/5301 /5302	Rotax NSE 12/9C
Packard Merlin V.650-7	37S/17	Lodge RS5/7	.018 to .020	37A/5299 /5300 37A/5301 /5302 37A/5917 /5918	BTH C6SE 12S Rotax NSE 12/9C Rotax NSE 12/7C
Packard Merlin 224/225	37S/17 37S/14	Lodge RS5/7 KLG RC5/3	.018 to .020 .018 to .020	37A/5299 /5300 37A/5917 /5918 37A/5301 /5302	BTH C6SE 12S Rotax NSE 12/7C Rotax NSE 12/9C

RESCINDED

AUTH *Inlet 5 April '65*

ENGINE	REF.	SPARK PLUG	GAP	REF.	MAGNETO
Wright 1820-84	37S/163	Champion R103 (3/4 screen tube thread)	.015 to .018	37A/1255	Scintilla D9LN-3
Wright 1820-103	37S/13	Champion R37S-1	.013 to .016	37A/1243	Bosch S9LU-3
Wright GR 2600 (all series)	37S/25 37S/13	Lodge RS19/2R Champion R37S-1	.012 to .015 .013 to .016	37A/5631	Scintilla SF 14LN-3
Wright 3350-85	37S/158 37S/163	Champion R33S (5/8 screen tube thread) Champion R103 (3/4 screen tube thread)	.015 to .018 .015 to .018	37A/859	Scintilla DLN _v
Pratt & Whitney R985 (all series)	37S/22	Champion C26S	.012 to .015	37A/1141 37A/4004	Scintilla SB9RN Bosch SB9RU-3
Pratt & Whitney R1340, -AN1, -S3H1, -S3H1G	37S/22	Champion C26S	.012 to .015	37A/1141	Scintilla SB9RN
Pratt & Whitney R1340 - S1H2	37S/22	Champion C26S	.012 to .015	37A/1237	Scintilla SB9RN-4
Pratt & Whitney R1830 (all series)	37S/25 37S/13	Lodge RS19/2R Champion R37S-1	.012 to .015 .013 to .016	37A/1180 37A/4183	Scintilla SF 14LN-3 Bosch SF 14LU-7
Pratt & Whitney R2800 - CA15	37S/13	Champion R37S-1	.013 to .016	37A/1262	Scintilla DLN 10

ENGINE	REF.	SPARK PLUG	GAP	REF.	MAGNETO
Hercules 734	37S/157	Lodge LB3/2	.012 to .015	37A/1263	Rotax
	37S/162	Lodge LB 3/3	.008 to .010		N14A/1
	37S/181	KLG KB3	.008 to .010		
Franklin 6V4-200-C32	37S/174	AC LA -47	.015 to .018	37A/1232	S6RN-23
Gypsy Major Shielded Harness	37S/6	KLG RV12/3	.012 to .015	37A/5298	BTH AG4-10
	37S/9	Lodge RS50-R		37A/5906	BTH AG4-12
Continental 0-470-11	37S/22	Champion C26S	.012 to .015	37A/1241	Scintilla S6LN-21
Continental 0-470-13	37S/22	Champion C26S	.012 to .015	37A/1238	Scintilla S6LN-23

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

Prepared By:
AMC/SACO/ACR

