

EO 15-10-4

ROYAL CANADIAN AIR FORCE



PART LIST

**AIRCRAFT, ENGINE, CARBURETTOR
AND AUTOMATIC
MIXTURE CONTROL DATA**

(This EO replaces EO 15-10-4 dated 6 May 59)

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

21 AUG 61

LIST OF RCAF REVISIONS

| DATE | PAGE NO | DATE | PAGE NO |
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AIRCRAFT - ENGINE - CARBURETTOR AND AUTOMATIC MIXTURE CONTROL

| Aircraft | Engine | Carburettor Type & Model | Part List No. | Sec/Ref. | Automatic Mixture Control Setting | Part List No. | Sec/Ref. |
|---|------------------------------|-----------------------------|------------------------|----------------------|------------------------------------|------------------|----------------------|
| AIRCRAFT WITH INJECTION TYPE CARBURETTORS | | | | | | | |
| Argus | Wright R3350-EA1 | Stromberg Injection PR58S2 | 391557-7 | 37C/204 | 28.2 H ₂ O at 7500 ft | 391464 391686 | 37C/242 |
| Albatross CSR 110 | Wright R1820-82 | Stromberg Injection PD12K18 | 391496-9P | 37C/2915-21-800-6990 | 28.7 H ₂ O at 7500 ft | 391539 | 37C/296 |
| Bristol Freighter Mk. 31 | Hercules 734 | Hobson Injection BI/BH11/1 | FB-189467 | 37C/NIC | | | |
| Canso | P & W R1830-92 | Stromberg Injection PD12H4 | 390657-1 | 37C/10 | 33.0 H ₂ O at 20000 ft | A30041 | 37C/291 |
| Caribou CC 108 | P & W R2000-7M2 | Stromberg Injection PD12F7 | 395706-4 | 37C/2915-00-535-0236 | 29.8 H ₂ O at 7500 ft | 395731 | 37C/2915-21-803-4104 |
| Cessna L-19A | Continental 0-470-11 | Stromberg Injection PS-5C | 391318-9 -10 -11 | 37C/189 | | | |
| Dakota | P & W R1830-92 | Stromberg Injection PD12H4 | 390657-1 | 37C/10 | 33.0 H ₂ O at 20000 ft | A30041 | 37C/291 |
| Dakota | P & W R1830-90C | Stromberg Injection PD12F5 | 395481-2 | 37C/9 | 34.15 H ₂ O at 20000 ft | 392171 | 37C/298 |
| Fairchild Packet C119C | Wright R3350-89A | Stromberg Injection PR58T1 | 391250-9BC -10BC | 37C/2915-21-802-2123 | 29.0 H ₂ O at 7500 ft | 391464 | 37C/243 |
| Lancaster | Packard Merlin 224 & 224-14A | Stromberg Injection PD16B1 | 395583-3 | 37C/11 | 28.9 H ₂ O at 7500 ft | 395056 | 37C/395056 |
| Neptune | Wright R3350-32W | CECO 58-CPB11 | 14600-B2 | 37C/182 | | | |

AIRCRAFT - ENGINE - CARBURETTOR AND AUTOMATIC MIXTURE CONTROL

| Aircraft | Engine | Carburettor Type & Model | Part List No. | Sec/Ref. | Automatic Mixture Control Setting | Part List No. | Sec/Ref. |
|---|------------------|-----------------------------|---------------|----------|-----------------------------------|---------------|----------|
| AIRCRAFT WITH INJECTION TYPE CARBURETTORS | | | | | | | |
| North Star | Rolls Royce 622 | SU Injection Pump SUX-719 | SUX-719 | 37C/152 | | | |
| North Star C5 | P & W R2800-CA15 | Stromberg Injection PR58E5 | 391438-5 | 37C/14 | 30.6 H ₂ O at 7500 ft | 391548 | 37C/297 |
| Vertol H21A, H21B, H44A | Wright R1820-103 | Stromberg Injection PD12K19 | 391307-10 | 37C/188 | 28.7 H ₂ O at 7500 ft | 391539 | 37C/296 |
| Sikorsky H34A | Wright R1820-84 | Stromberg Injection PD12R1 | 391513-2 | 37C/198 | 28.1 H ₂ O at 7500 ft | 391539 | 37C/296 |

AIRCRAFT - ENGINE - CARBURETTOR AND AUTOMATIC MIXTURE CONTROL

| Aircraft | Engine | Carburettor Type & Model | Part List No. | Sec/Ref. | Remarks |
|---------------------------------------|-----------------------------|-------------------------------|----------------------|----------------------|--|
| AIRCRAFT WITH FLOAT TYPE CARBURETTORS | | | | | |
| Bell-H13D | 6V-335A Franklin | Marvel Schebler MA4-5AA | 10-3847 | 37C/241 | |
| Chipmunk 1A-2 | Gypsy Major C1G | Claudel Hobson A148H3M | 2105-41A | 37C/1 | Model A148H3M being modified at overhaul to A148NM setting. |
| Chipmunk 1A-2 | Gypsy Major 10 Mk. 1 | Claudel Hobson A148NM | 2105-41A | 37C/199 | |
| Expeditor | P & W R985-AN14B | Stromberg Float NAR 9B | A30250-1 A30250-2 | 37C/3 37C/192 | 37C/3 being modified at overhaul to 37C/192 |
| Harvard 4 | P & W R1340-AN1 -S3H1 | Stromberg Float NAY9E1 | A18639-7 390814-1 | 37C/6 37C/7 | 37C/7 being modified at overhaul to 37C/6 |
| Hiller CH112 | Lycoming VO-540B1D | Marvel Schebler MA-6AA | 10-4401 | 37C/2915-21-804-0131 | |
| Otter | P & W R1340-S1H1G | Stromberg Float NAY9E1 | A18639-7 | 37C/6 | |
| Sikorsky H5 | P & W R985-AN5 | Stromberg Float NAR9B | A30250-2 | 37C/192 | |

