

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

E-293
Revision 2
Dyna-Cam Industries
X375

December 31, 1981

TYPE CERTIFICATE DATA SHEET NO. E-293

Engines of models described herein conforming with this specification and approved data on file with the Federal Aviation Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated and maintained as prescribed by the manufacturer.

Manufacturer Dyna-Cam Industries
Santa Ana, California

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| Model | X375 |
| Type | CAM |
| Rating | |
| Maximum continuous hp, rpm, in. Hg., at: | |
| pressure altitude ft. | 175-1800-26.0-3100 |
| Sea level pressure altitude | 175-1800-27.0-SL |
| Takeoff, hp, rpm, full throttle at: | |
| Sea level pressure altitude | 200-1900 |
| Fuel (Min. grade aviation gasoline) | 80/87 |
| Bore & Stroke in. | 3¼ x 3¾ |
| Displacement | 373 Cu. in. |
| Compression ratio | 8:1 |
| Weight (dry) with starter & generator | 338.0 |
| Center of gravity location with starter & generator | |
| From front face of front valve cover | 20.2 in. |
| Off center line of propeller shaft | 1.1 in. above 0.06 in. right |
| Propeller shaft | SAE 20 |
| Carburetors | 2 Stromberg NAS3A-1 Part No. A18173 |
| Magnetos | 2 Scintilla S6LN-50 Part No. L10025-245 |
| Distributors | 1 Autolite IAM 4001 Modified Dwg. 373027 1 Autolite E0 8785 Modified Dwg. 373027 |
| Coils | Autolite IG6002 |
| Spark Plugs | Autolite AT-4 |
| Ignition timing | |
| Magnetos Deg. BTC. | 12° |
| Distributors: (Below 300 rpm) Deg. ATC | 3° |
| (Above 1100 rpm) Deg. BTC | 12° |
| Oil Sump | Dry |
| See notes | 1,2,3,4 |

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