

**MAINTENANCE
AND
OVERHAUL MANUAL
WITH
ILLUSTRATED PARTS LIST**

**FOR
A-65 AND A-75
SERIES AIRCRAFT ENGINES**

NOTICE

Part numbers appearing herein are trademarks of
Teledyne Continental Motors.

FAA APPROVED

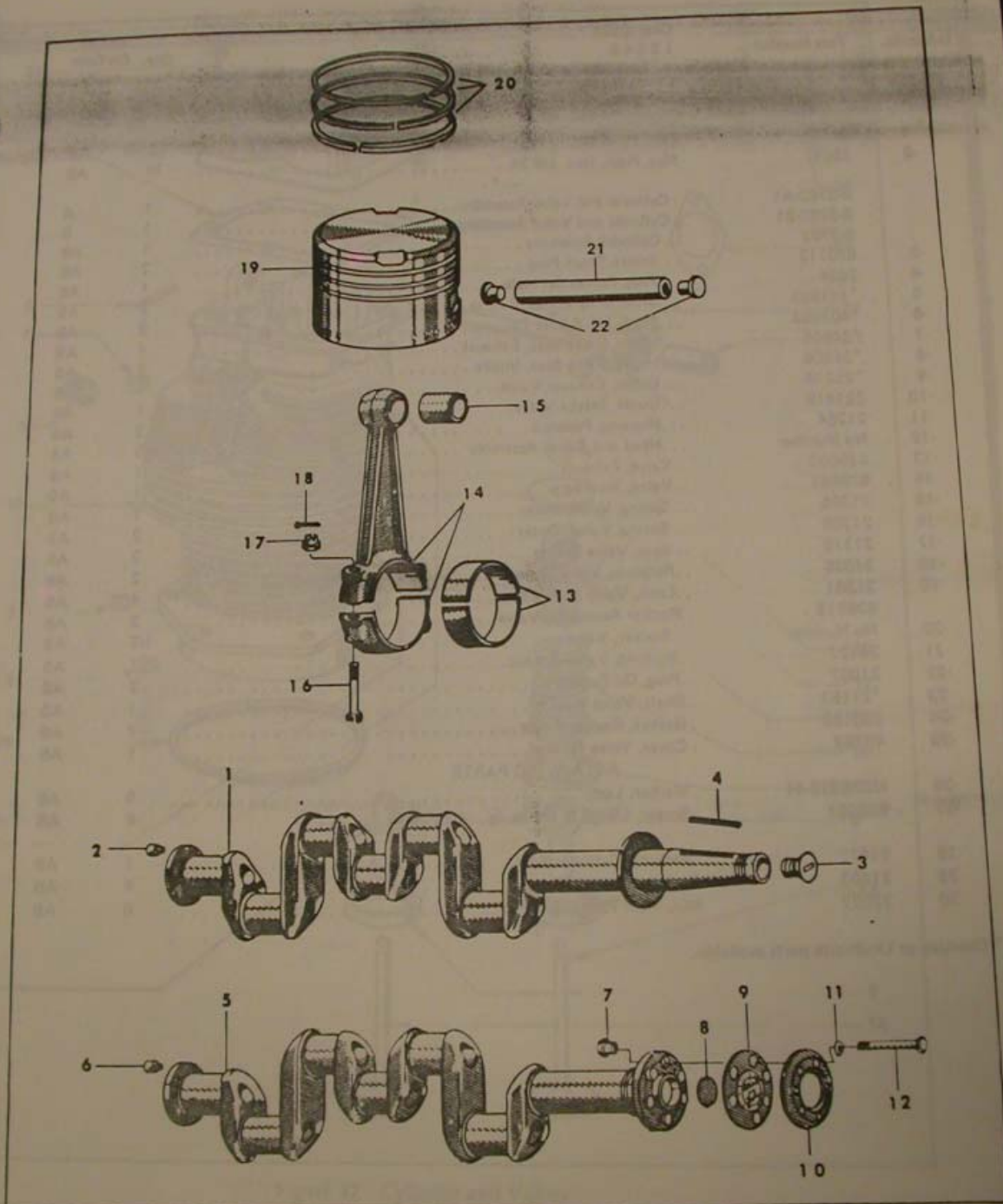


Figure 31. Crankshafts, Connecting Rods and Pistons.

Index No.	Part Number	Description	Qty.	Usable
				On Code
		1 2 3 4 6	1	A
	630198	Crankshaft Assembly	NS	A
	No Number	Crankshaft and Tube Assembly	1	A
	750140	Crankshaft and Tube Assembly	1	AB
	*630651	Dowel, Stepped	1	AB
	500398	Plug, 1-3/16-18 x 1 1/32	1	AB
	500400	Key, Propeller Hub	1	AB
	530199	Crankshaft Assembly, Complete (Optional)(Flanged Type I)	NS	AB
	No Number	Crankshaft and Tube Assembly	1	AB
	*630651	Dowel, Stepped	6	AB
	24789	Bushing, Propeller Hub Flange	1	AB
	24770	Plug, Hubbard	1	AB
	35956	Plate, Moisture Impervious	1	AB
	3991	Flange, Propeller Hub	6	AB
	24767	Washer, Propeller Hub Flange Bolt	6	AB
	24768	Bolt, Propeller Hub Flange	8	AB
	35897	Bearing, Connecting Rod	4	A
	A35160-A2	Connecting Rod Assembly	4	B
	A35159-A2	Connecting Rod Assembly	NS	AB
	No Number	Rod and Cap, Connecting	1	A
	25369	Bushing, Piston Pin	1	B
	21003	Bushing, Piston Pin	2	AB
	530213	Bolt, Connecting Rod	2	AB
	24804	Nut, Slotted, 3/8-24	2	AB
	2501	Pin, Cotter	4	A
	40731-A1	Piston & Pin Assembly, Complete	4	B
	A40677	Piston & Pin Assembly, Complete	1	A
	*40731	Piston, 6.3:1 Compression Ratio	1	B
	*40577	Piston, 6.3:1 Compression Ratio	2	AB
	*640157-A2	Ring Set, Piston, Single Cylinder	1	A
	*530858	Pin and Plug Assembly, piston	1	B
	*25127-A1	Pin and Plug Assembly, piston	1	B
	*25127	Pin, Piston	2	B
	25117	Plug, Piston Pin	2	B

* Oversize or Undersize parts available

Piston Rings available in single cylinder sets only.