

INTRODUCTION

This illustrated parts breakdown is composed of the Introduction, Group Assembly Parts List, including exploded view illustrations and Numerical Index for the propeller assembly Series 215 for Bonanza Aircraft manufactured by the Beech Aircraft Corporation, Wichita 1, Kansas.

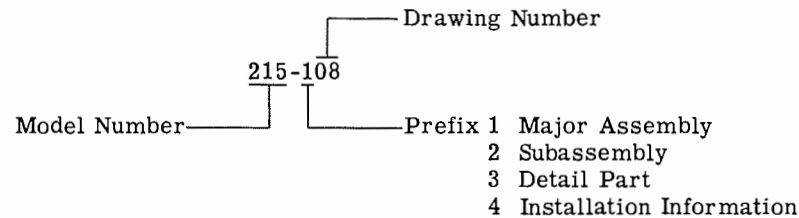
The Group Assembly Parts List lists the main assemblies, subassemblies and detail parts which make up the final assembly. The system of breakdown is arranged in columnar indention form to indicate engineering relationship of all parts.

The quantities listed in the "UNITS PER ASSY" column of the Group Assembly Parts List are, in the case of assemblies, the total quantity used in each

assembly. The quantities shown for component parts listed as details of an assembly indicate the number of parts used in each assembly.

To identify a part when part number is known, turn to Numerical Index to obtain the figure and index number where part is illustrated, refer to corresponding figure and index in accompanying text for nomenclature, etc. To identify a part when part number is not known, refer to the exploded view illustration, locate part in illustration and refer to corresponding figure and index in accompanying text for nomenclature, etc.

The parts Numbering System used is shown in the following illustration:



GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-1-	35-960025-601	PROPELLER ASSY, Constant speed D-3999 to D-4866 (E225-8 engine)	1	
	35-960025-3	PROPELLER ASSY, Manual electric D-3999 to D-4866 (E225-8 engine)	1	
	35-960025-5	PROPELLER ASSY, Manual electric D-3999 to D-4866 (E185-11 engine)	1	
	215-108	PROPELLER ASSY, Constant speed D-3999 to D-4866 (E225-8 engine)	1	
	215-116	PROPELLER ASSY, Manual electric D-3999 to D-4866 (used with 35-910175 governor)	1	
	215-117	PROPELLER ASSY, Manual electric D-3999 to D-4866 without governor	1	
-1	215-207-88	. BLADE ASSEMBLY	2	
	215-207-88-14	. BLADE ASSEMBLY, D-3744 to D-3999	1	
	215-213-84	. BLADE ASSEMBLY, D-3999 and after	1	
	B200-347-3	. . WEIGHT ASSY, Counter balance	1	
-2	B200-347	. . . WEIGHT, (Matched pair with B200-347-1)	1	
-3	B200-347-1	. . . WEIGHT, (Matched pair with B200-347)	1	
-4	215-319-2	. . RACE, (Broken and matched with -4 making -10)	1	
-5	.4375 Dia.	. . BEARING, Ball (Grade I) (Strom Co, Cicero, Illinois) . .	31	
-6	215-319-4	. . RACE, (Broken and matched with -2 making -10)	1	
	PRP6227-47	. . SEAL	1	
	B200-313	. . NUT, Retaining (not available)	1	
-7	R201-208	. . RING ASSEMBLY	1	
	1/4-20NC-3x1/2	. . . SCREW, (Cadmium plated and magnafluxed)	2	
	R203-328	. . WEIGHT	1	

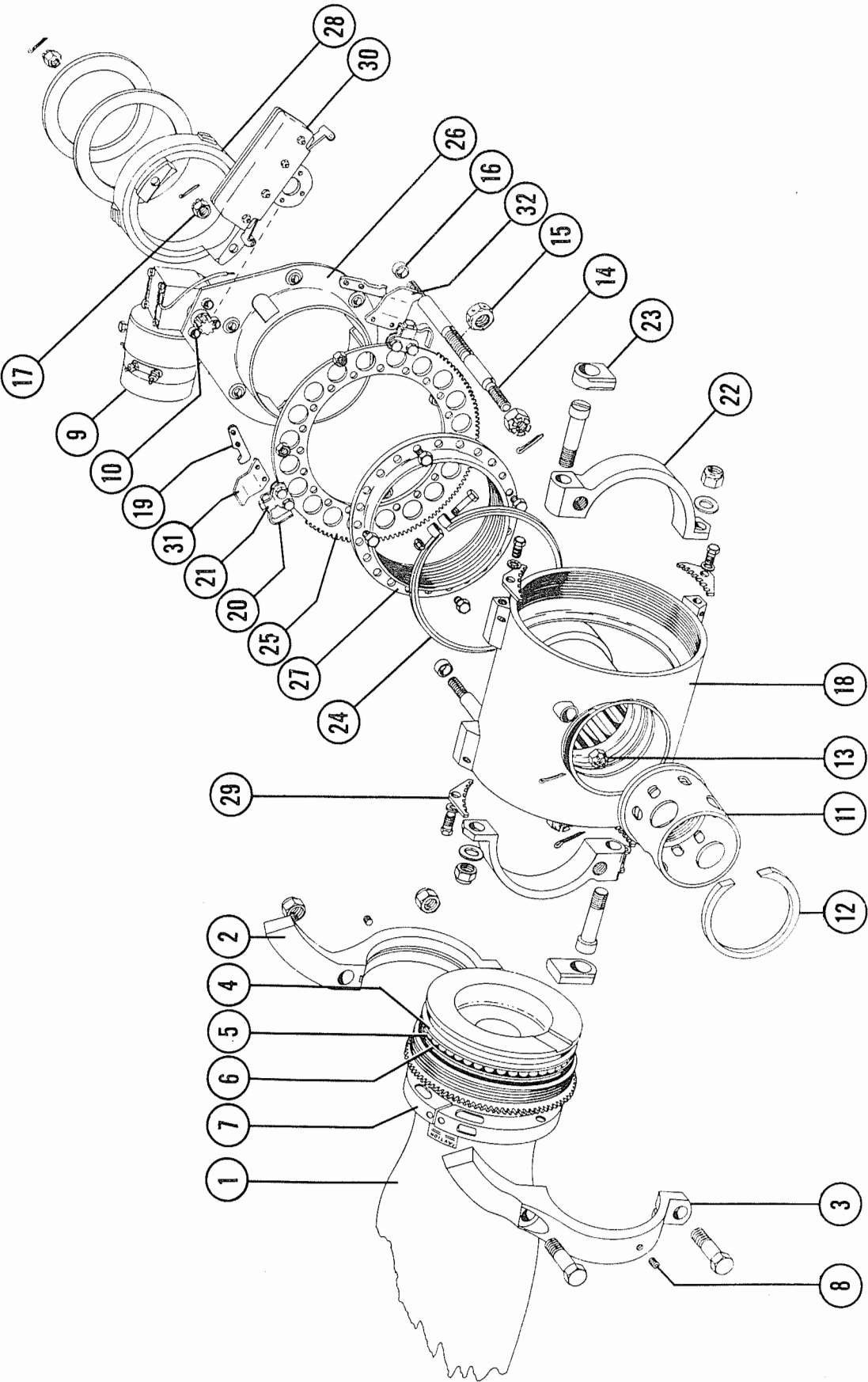


Figure 3-1. 215 Series Propeller

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
		1 2 3 4 5 6 7		
3-1-8	1/4-20NC-3x3/16	. . SCREW, Hex socket set	2	
	215-322	. WEIGHT, (For hub to balance propeller)	8	
	215-109	. HUB ASSY, Prop manual electric	1	
-9	215-210	. . MOTOR ASSEMBLY	1	
	31-408	. . . BRUSH, Commutator	2	
	R203-214	. . MOTOR SUPPORT BRACKET ASSY	1	
-10	215-363-2	. . SCREW, Internal hex hd	3	
-11	B200-416	. . NUT	1	
-12	AN5009-10	. . SNAP RING	1	
-13	AN310-5	. . NUT	2	
-14	B200-373	. . BOLT	2	
-15	B200-363	. . NUT	2	
-16	207-308	. . SLEEVE	2	
-17	207-309	. . NUT	2	
-18	215-208	. . HUB	1	
-19	B200-372	. . CLIP	2	
-20	B200-383	. . STOP SPRING, (Used with B200-384)	1	
	B200-384	. . STOP SPRING, (Used with B200-383)	1	
-21	B200-330	. . BRACKET	2	
	AN3-3A	. . BOLT	2	
	AN3-6A	. . BOLT	4	
	AN365-1032	. . NUT	6	
-22	205-302	. . YOKE	2	
	215-318	. . BOLT	2	
	AN365-524	. . NUT	2	
-23	215-317	. . BUSHING	2	
-24	R200-308	. . RING	1	
	AN520-10-18	. . SCREW	1	
	AN365-1032	. . NUT	1	
-25	B200-334	. . GEAR	4	
	AN3-4A	. . BOLT	4	
	AN365-1032	. . NUT	4	
-26	B200-401	. . SLEEVE	1	
-27	B200-327	. . HUB GEAR	1	
-28	B200-202	. . BEARING ASSEMBLY	1	
-29	B200-303	. . LOCK	2	
	AN4-4A	. . BOLT	2	
	215-324	. . PLACARD, Aluminum blade	1	
		. . . CONSTANT SPEED PROPELLER	1	
	215-361	. . PLACARD, Hub identification	1	
	AN535-0-2	. . SCREW	6	
	215-107*	. HUB ASSY, Prop constant speed	1	
-30	B200-256	. . SWITCH ASSY, Constant speed	1	
	111514	. . . SPRING, Switch actuator	2	
	AN3201-1	. . . SWITCH	2	
-31	B200-422	. . CAM	1	
	B200-422-1	. . CAM	1	

* Same as 215-109 Propeller Hub Assembly, except as noted.