T.C. NUMBER: T.C. 176

Models - Double Row Cyclone					
GR-2600-	A2	A2A	A2B	B2	В5
New designation	726C14AB1, 2	709C14AC1, 2			586C14EA1, 2
new designation	332C14AB1, 2	579C14AC1, 2		303C14DA1, 2	Jode (TEAN , E
Type - 14RA	16:9	16:9	16:9	16:9 or 16:7	16:9 or 16:7
1750 11111	reduction gears	reduction gears	reduction gears		reduction gears
Fating (with low	readecton gears	reduction gears	reduction gears	readerson gears	reduceron gears
impeller gear ratio):	7.0:1	7.0:1	7.0:1	7.03:1	6.96:1
Maximum continuous,			,	7.03.1	0.50.1
hp, rpm, in.Hq., at:					
Rated pressure	1200-2100-	1350-2300-	1350-2300-	1500-2400-	
altitude (ft.)	33.2-5400	35.8-6200	36.7-5800	37.0-6700	
Sea level	1200-2100-	1350-2300-	1350-2300-	1500-2400-	
pressure altitude	35.0-S.L.	37.5+3.L.	39.0-S.L.	39.7-2.L.	
Take-off (five minutes)		37.5 3.2.	3710 5121	5.7.7 5.2.	
hr, rpm, in.Hg.	1550-2400-42.5	1600-2400-43.5	1600-2400-45.0	1700-2500-44.5	
Rating (with high	1330 2400 42.3	7000 2400 4515	1000 2400 4510	1700 2300 4413	
impeller gear ratio):					10.06:1
Maximum continuous,					10.00.1
hp, rpm, in.Hg., at:					
Fated pressure					
altitude (ft.)					1350-2400-38.8-15000
Icw critical pressure					13 30-2400 -30:0-13000
altitude (ft.)					1350-2400-43.0-9500
Fuel (minimum octane					1330-2400-43.0-9390
aviation gasoline -					
CFR Motor Method fuel)	95		90	95	
Pore and stroke, in.	6.125 x 6.312				
Displacement, cu. in.	2603				
Compression ratio	7.1:1 (Model 332)	7.1:1(Model 709)	6.3:1		6.9:1
-	6.85:1 (Model 726)	6.85:1(Model 579)			
Weight (dry), 1bs.			1935	1965, 1985	1980, 2000
Weight (dry), lbs. Propeller shaft,	6.85:1 (Model 726) 1935, 1955				
Weight (dry), lbs. Propeller shaft, SAE No.	6.85:1 (Model 726) 1935, 1955 50	6.85:1(Model 579)	1935	1965, 1985	1980, 2000
Weight (dry), lbs. Propeller shaft,	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375	6.85:1(Model 579) Holley C.G. 1685	1935 Holley C.G. 1685	1965, 1985 Holley C.G. 1685	1980, 2000
Weight (dry), lbs. Propeller shaft, SAE No.	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or	6.85:1(Model 579) Holley C.G. 1685 or F,H,HA,HAF,	1935 Holley C.G. 1685 F,H,HA,HAR,HAF,	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,HB	1980, 2000
Weight (dry), lbs. Propeller shaft, SAE No.	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375	6.85:1(Model 579) Holley C.G. 1685 or F,H,HA,HAF, HAR or HB	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromberg	1965, 1985 Holley C.G. 1685 F, H, HA, HAR, HB carburetor or	1980, 2000
Weight (dry), lbs. Propeller shaft, SAE No.	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or	6.85:1(Model 579) Holley C.G. 1685 or F,H,HA,HAF,	1935	1965, 1985 HOLLEY C.G. 1685 F,H,HA,HAR,HB carburetor or Stromherg PT-13E2	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carluretion	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C.F.F.G.E.HAR or HE carburetor	6.85:1(Model 579) Holley C.G. 1685 or F.H.HA.HAF, EAR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985	1980, 2000
Weight (dry), lbs. Propeller shaft, SAE No.	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C.F.F.G.E.HAR or HE carburetor Scintilla SF14L-	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,HB carburetor or Stromkerg PT-13E2 carburetor Scintilla SF14L-	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carluretion	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carburetor Scintilla SF14L- 3,-4,5F14LN-3,-9,9	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,HB carburetor or Scintilla SF141 3,4,SF141 3,4,SF141N-3,4,	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carluretion	6.85;1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carburetor Scintilla SF14L- 3,-4,SF14LN-30-9 or Bosch SF14LD-9	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F.H. HA, HAR, HB carburetor or Stromlerg PT-13E; carburetor Scintilla SF141 J.4, SF141N-3,4, 9,10 or Bosch	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carluretion	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carburetor Scintilla SF14L- 3,-4,5F14LN-3,-9,9	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F.H.HA.HAR.HB carburetor or Stromherg PT-13E; carburetor Scintilla SF14L- 3,4,SF14LN-3,4, 9,10 or Boscn SF14LLD-9, 10	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carturetion Ignition, dual	6.85;1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carburetor Scintilla SF14L- 3,-4,SF14LN-30-9 or Bosch SF14LD-9	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F.H. HA, HAR, HB carburetor or Stromlerg PT-13E; carburetor Scintilla SF141 J.4, SF141N-3,4, 9,10 or Bosch	1980, 2000
Weight (dry), lbs. Fropeller shaft, SAE No. Carturetion Ignition, dual Ignition timing,	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C.E.F.G.F.HAR or HE carburetor Scintilla SF14L- 3,-4,SF14LN-3,4,9 or Bosch SF14LU-9 magnetos	6.85:1(Model 579) Holley C.G. 1685 or F, H, HA, MAF, AR or HB carburetor	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,HB carburetor or Stromherg PT-13E; carburetor Scintilla SF14L- 3,4,8F14LN-3,4, 9,10 or Bosch SF14LU-9, 10 magnetos	1980, 2000
weight (dry), lbs. Propeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC	6.85;1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9 or Bosch SF14LU-9 magnetos Both 20	6.85:1(Yodel 579)	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD1221 or K1 carburetors	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,H5 carburetor or Stromlerg PT-13E; carburetor Scintilla SF14L- 3,4,SF14LN-3,4, 9,10 or Bosen SF14LU-9, 10 magnetos	1980, 2000
Weight (dry), lbs. Fropeller shaft, SAE No. Carturetion Ignition, dual Ignition timing, degrees BIC NOIES	6.85:1(Model 726) 1935, 1955 80 Holley C.G. 1375 C.E.F.G.F.HAR or HE carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9 or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5	6.85:1(Yodel 579) Holley C.G. 1685 or F,H,HA,HAF, BAR or HB carburetor 1, 3, 4, 5	1935 Holley C.G. 1685 F,H,HA,HAF,HAF, HB or Stromkerg PD12J1 or K1 carburetors	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,HB carburetor or Stromherg PT-13E; carburetor Scintilla SF14L- 3,4,8F14LN-3,4, 9,10 or Bosch SF14LU-9, 10 magnetos	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85;1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9 or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate N	6.85:1(Yodel 579)	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD1221 or K1 carburetors	1965, 1985 Holley C.G. 1685 F.H. HA, HAR, HB carburetor or Stromlerg PT-13E; carburetor Scintilla SF14L- 3,4,9F14LN-3,4, 9,10 or Boson SF14LU-9, 10 magnetos 1, 3, 4	1980, 2000
Weight (dry), lbs. Fropeller shaft, SAE No. Carturetion Ignition, dual Ignition timing, degrees BIC NOIES	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor Scintilla SF14L- 3,-4,SF14LN-3,-9,9 or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufact	6.85:1(Yodel 579) Holley C.G. 1685 or F.H. HA. HAF. EAR Or HB carburetor 1, 3, 4, 5 io. 176 tturer joes not ho	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD12J1 or K1 carturetors 1	1965, 1985 Holley C.G. 1685 F.H.HA, HAR, HB carburetor or Stromherg PT-13E; carburetor Scintilla SF14I-3, 4, SF14IN-3, 4, 9,10 or Bosch SF14IU-9, 10 magnetos 1, 3, 4	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85:1(Model 7726) 1935, 1955 50 Holley C.G. 1375 C.E.F.G.F.HAR or HE Carburetor Scintilla SF14L- 3,-4,SF14LN-3,4,9, or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufacengines under tr	6.85:1(Yodel 579) Holley C.G. 1685 or F,H,HA,HAF, EAR or HB carburetor 1, 3, 4, 5 io. 176 turer joes not ho is type certifica	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromkerg PD1221 or K1 carburetors 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1965, 1985 Holley C.G. 1685 F,H,HA,HAR,H5 carburetor or Stromberg PT-13E; carburetor Scintilla SF14L- 3,4,SF14LN-3,4, 2,10 or Boscn SF14LU-9, 10 magnetos 1, 3, 4 extificate for the each engine so re	1980, 2000
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carburetor Scintilla SF14L- 3,-4,SF14LN-3,4,9 or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufacengines under troa detailed into a de	6.85:1(Yodel 579) Holley C.G. 1685 or F.H.HA.EAF, EAR Or HB carburetor 1, 3, 4, 5 io. 176 tturer joes not ho is type cartifica ispection for work	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD12J1 or K1 carburetors 1 ld a production of the and, therefore, manshir and confor	1965, 1985	1980, 2000 1, 3, 4 [roduction of oduced is subject
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85:1(Mode: 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9, or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufacengines under tr to a detailed in Civil Aeronautic	6.85:1(Yodel 579)	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD12J1 or K1 carburetors 1 1 1 1 1 1 1 1 1 1 1 1 1	1965, 1985 Holley C.G. 1685 F.H.HA.HAR.HB carburetor or Stromhery PT-13E; carturetor Scintilla SF141-3,4,SF141N-3,1, 9,10 or Bosch SF141U-9, 10 magnetos 1, 3, 4 ertificate for the each engine most mity with the appr	1980, 2000 1, 3, 4 [roduction of oduced is surject oved data ty a have a satisfactory.]
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor ME carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9, or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufacengines under troade adetailed ir Civil Aeronautic run-in including	6.85:1(Yodel 579) Holley C.G. 1685 or F.H.HAJEAF, EAR Or HB carburetor 1, 3, 4, 5 ioi. 176 iturer loes not ho is type certifica ispection for works Administration y 5 nours at rated	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD1221 or K1 carburetors 1 ld a production cete and, therefore, mansnip and confou	1965, 1985 Holley C.G. 1685 F.H. HA, HAR, HE carburetor or Stromherg PT-13E; carburetor Scintilla SF141 J. 4, SF141N-3, 4, 9, 10 or Bosch SF141U-9, 10 magnetos 1, 3, 4 ertificate for the each engine must Upon satisfactory Upon Satisfactory Upon Satisfactory	1980, 2000 1, 3, 4 [roduction of oduced is surject oved data ty a have a satisfactory.]
weight (dry), lbs. Frogeller shaft, SAE No. Carturation Ignition, dual Ignition timing, degrees BTC NOTES Certification basis	6.85:1(Model 726) 1935, 1955 50 Holley C.G. 1375 C,E,F,G,E,HAR or HE carturetor ME carturetor Scintilla SF14L- 3,-4,SF14LN-3,4,9, or Bosch SF14LU-9 magnetos Both 20 1, 2, 3, 4, 5 Type Certificate None. The manufacengines under troade adetailed ir Civil Aeronautic run-in including	6.85:1(Yodel 579) Holley C.G. 1685 or F.H.HAJEAF, EAR Or HB carburetor 1, 3, 4, 5 ioi. 176 iturer loes not ho is type certifica ispection for works Administration y 5 nours at rated	1935 Holley C.G. 1685 F,H,HA,HAR,HAF, HB or Stromterg PD12J1 or K1 carburetors 1 1 1 1 1 1 1 1 1 1 1 1 1	1965, 1985 Holley C.G. 1685 F.H. HA, HAR, HE carburetor or Stromherg PT-13E; carburetor Scintilla SF141 J. 4, SF141N-3, 4, 9, 10 or Bosch SF141U-9, 10 magnetos 1, 3, 4 ertificate for the each engine must Upon satisfactory Upon Satisfactory Upon Satisfactory	1980, 2000 1, 3, 4 [roduction of oduced is surject oved data ty a have a satisfactory.]

- NOTE 1. Maximum permissible cylinder head, barrel, and oil inlet temperatures, 450 degrees F., 325 degrees F., and 220 degrees F., respectively.
- NOTE 2. This model includes previous GR-2600-A2 engines which have been modified to incorporate recent improvements.
- NOTE 3. The new model designations, 332C14Ab1, 709C14AC1, 585C14EA1, and 586C14EA1 will replace the GE-2600-A2, A2A, B2 and B5 designations respectively, in accordance with Wright Aeronautical Corporation's new engine designation system.
- NOTE 4. Models C14AB2, AC2 and BA2 incorporate a torquemeter.
- NOTE 5. Models 332C14AE1, 2 and 709C14AC1, 2 also eligible as previously certificated with octane + .8 cc Tetra Ethyl Lead per gallon of fuel.