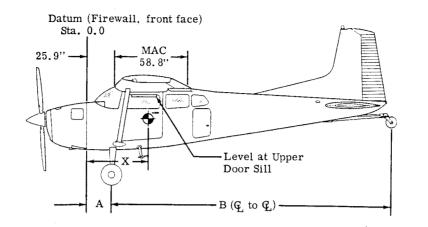
Weighing Procedure

MODEL A185F

1973



A=	
B=	

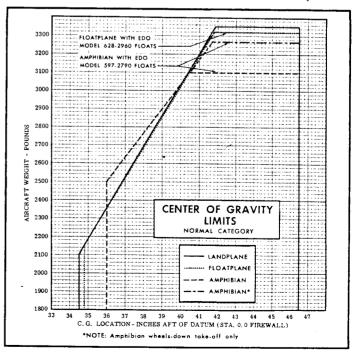
Scale Position	Scale Reading	Tare	Symbol	Net Weight
Left Wheel			L	
Right Wheel			R	
Tail Wheel			T	
Aircraft	Empty Weight (As Weighed)	w		

$$X = ARM = (A) + (T) \times (B)$$
; X = W

- 1. Preparation:
 - a. Inflate tires to recommended operating pressures.
 - b. Remove all wing tank and accumulator tank drain plugs to remove all fuel.
 - c. Remove oil sump drain plug to drain all oil.
 - d. Move all sliding seats to most forward position. All seat backs should be in the most nearly vertical position.
 - e. Put flaps in the fully retracted position.
 - f. Place all control surfaces in neutral position.
- 2. Leveling:
 - a. Place scales under each main wheel (1000# minimum capacity for scales.) Place screw jack on 500# minimum capacity scale and place under tailwheel.
 - Adjust screw jack on scale to center bubble on level. (See diagram.)
- 3. Weighing:
 - a. With the airplane level and brakes released, record the weight shown on each scale. Deduct the tare, if any, from each reading.
- 4. Measuring:
 - a. Obtain measurement "A" by measuring horizontally (along airplane center line) from a line stretched between the main wheel centers (determined from the axle attaching bolt pattern on the inner face of the landing gear spring) to a plumb bob dropped from the firewall.
 - b. Obtain measurement "B" by measuring horizontally (parallel to airplane center line) from the line stretched between main wheel centers (determined from the axle attaching bolt pattern on the inner face of the landing gear spring) to a plumb bob dropped from the center of the tailwheel, left side. Repeat on right side and average measurements.
- c. When Cessna Castering Gear is installed add 0.7" to measurement "A" and subtract 0.7" from measurement "B".
 5. Completing the Form:
 - a. Using weights from (3) and measurements from (4), the airplane weight and C.G. can be determined.

$$) + () \times () = () IN.$$

b. Obtain licensed empty weight by adding weight and moment of unusable fuel to the airplane empty weight and moment. There are 3 gallons of unusable fuel (weight = 18#; moment = 828 lb in.) in airplanes having an "ON-OFF" fuel system and 6 gallons of unusable fuel (weight = 36#; moment = 1656 lb in.) in airplanes having a "SELECTOR VALVE" fuel system.



Form Issue Date: 2 October 1972 Revised: 20 October 1972

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

MODEL A185F

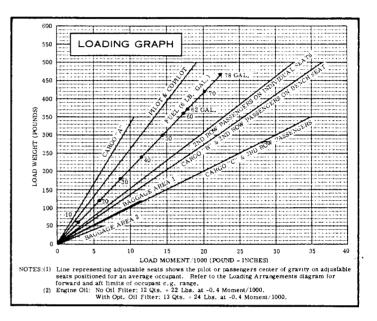
1973

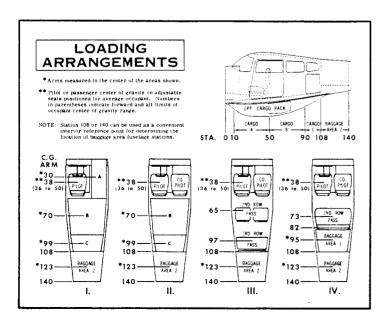
Loading and Center of Gravity Charts

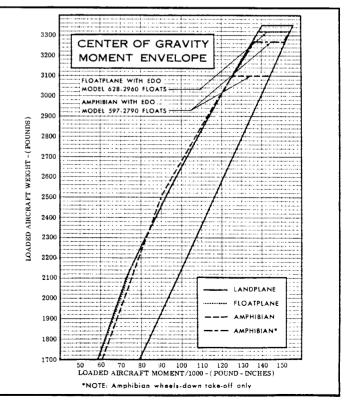
IT IS THE RESPONSIBILITY OF THE PILOT AND AIRCRAFT OWNER TO ENSURE THAT THE AIRCRAFT IS LOADED PROPERLY

When computing aircraft loading requirements, refer to the Weight and Balance and Installed Equipment Data sheet in the aircraft file for the licensed empty weight, arm and moment of the aircraft as delivered from the factory. (If alterations have been made to the aircraft, refer to FAA form 337 for the latest empty weight, arm and moment.) The aircraft weight and balance may then be determined using the Loading Graph and Center of Gravity Moment Envelope as indicated in the Sample Loading Problem below.

	SAMPLE AIRPLANE Weight Moment		YOUR	IRPLANE
SAMPLE LOADING PROBLEM		Moment (1b ins. 1000)	Weight (lbs.)	Moment (lb ins. 1000)
1. Licensed Empty Weight (Sample Airplane)	1677	60, 3		1
2. Oil (The weight of full oil may be used for all calculations):			r	1
No Oil Filter: 12 Qts. = 22 Lbs @ -0.4 Moment/1000	22	-0.4		
With Opt. Oil Filter: 13 Qts. = 24 Lbs $\widehat{\alpha}$ = 0.4 Moment/1000 .				
3. Fuel (Standard - Max. 62 Gal. @ 6 Lbs/Gal.)	372	17.9		
Fuel (Long Range - Max. 78 Gal. @ 6 Lbs/Gal.)				
4. Pilot and Copilot (Sta. 36 to 50)	170	6.5		
5. 2nd Row Passengers On Individual Seats				
2nd Row Passengers On Bench Seat				
3rd Row Passengers (120 Lbs Max. If Child's Seat)				
6. *Cargo "A" (Sta. 10 to 50)	300	9.0		
*Cargo "B" (Sta. 50 to 90)	750	54.8		
*Cargo "C" (Sta. 90 to 108)	59	5.8		
Baggage Area i (Sta. 82 to 108, 120 Lbs. Max.)				
Baggage Area 2 (Sta. 108 to 140, 50 Lbs. Max.)				
Cargo Pack (Sta. 5 to 115, 300 Lbs Max.)				
7. TOTAL WEIGHT AND MOMENT	3350	153.9		
 Locate this point (3350 at 153.9) on the Center of Gravity Moment the envelope, the loading is acceptable. *Maximum allowable cargo loads will be determined by the type an 				
by the airplane weight and C.G. limitations. Floor loading must				-









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EQUIPMENT LIST MODEL A185F (1973)

WICHITA, KANSAS

NOTES

1>1. Suffix letter to item numbers:

- -R = Required items of equipment for FAA certification
- -S = standard equipment items
- -O = optional equipment items replacing required or standard items
- -A = optional equipment items which are in addition to required or standard items
- 2. Refer to the sheet titled "Weight and Balance and Installed Equipment Data" for a listing of equipment installed on your aircraft at the factory.
- 3. Unless otherwise indicated, true values (not net change values) for weight and arm are shown. Positive arms are distances aft of datum; negative arms are distances forward of datum (see "Weighing Procedures" sheet for datum location).
- 4. A separate FAA approval must be obtained if the following items are not installed per applicable Cessna drawings or accessory kit instructions.
- * Complete assembly installations are indicated by asterisks after the item weight and arm. Some major components of the assembly are listed on the lines immediately following. The summation of these major components does not necessarily equal the complete assembly installation.

tem no	DESCRIPTION	REF DRAWING	WT LBS	ARM IN
001-R	Engine, Continental IO-520-D Spec 23	0750227	450.0*	-17.0
	Two Magnetos With Impulse Coupling	Slick 662	12.9	-12.5
	Oil Cooler Mounting Provisions	EQ 5968	2.3	-31.5
	Oil Cooler	TCM	5.3	-31.5
	Twelve 18 mm x 3/4 20-3A Spark Plugs	SL 350	3.0	19.0
	Starter, 12 Volt Prestolite MCL 6501	TCM 634592	- 17.8	-4.0
02-R	Propeller, McCauley D2A34C58/90AT-8)	C161004-0106	55.3	-40.2
02-0	Propeller, Floatplane (McCauley D2A34C58/90AT-4)	C161004-0107	55.5	-40.2
03-R	Spinner, Propeller	0752040	4.0	-39.5
04 - R	Governor, Propeller (McCauley C290-D2/T9)	C161030-0107	3.0	-32.0
	(Woodward A210462)	C161040-0107	3.0	-32.0
	(Edo-Aire 34-828-01-1)		3.0	-32.0
05 - R	Filter, Engine Induction Air	0750038	1.0	-33.0
06-R	Muffler Assembly, Including Heat Jacket			
	for Cabin & Induction Air	0750161	18.0	-15.5
07 - 0	Oil Cooler, Non-Congealing Modine	TCM 639171	2.3	-31.5
	Replaces Item 001-R Oil Cooler and chang designation to IO-520-D Spec. 24 (Net Ch	es engine ange)		
	APPROVED			
	Cessna Aircraft 33 - Piwnee Div, Delogation Option Manufacturer, CE-1			
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EQUIPMENT LIST (CONT'D) MODEL A185F (1973)

		CONT'D)			
	RCRAFT CO MODEL A185F (19	973)	WICHITA,	KANSAS	
ITEM NO	DESCRIPTION REF DRAWING			ARM INS	ה
			WT LBS	ARM INS	1
010-R	Tachometer Bocardina	C668020-0107		1	•
011-R	Tachometer, Recording	1.5	14.0	× 1	
012-R	Gage, Manifold Pressure & Fuel Flow	C662037-0103	1.1	15.5	
4	Gage, Engine Cluster	C669502-0202	1.3	13.5	
013-R	Alternator, 60 Amp, 14-Volt (C611501-0102)	1250212	11.5	-3.5	
014-R	Regulator, Alternator, 60 Amp, 14-Volt	C611001-0101	1.0	-1.0	1
015-R	Battery, 12-Volt, 33 Amp Hour	0712605	28.0	114.0	1
016-R	Indicator, Stall Warning Audible Instl.	0700185	0.5	27.0	
017-R	Altimeter	C661012-0101	0.8	15.5	
017-0	Altimeter, Sensitive	C661071-0101	1.0	15.0	
017-0-1	Altimeter, Sensitive (Feet & Millibars)	C661071-0102	1.0	15.0	1
018-R	Compass, Magnetic	0413517-14	0.5		
		041331/-14	0.5	16.0	
020-R	Wheel, Tire, Tube and Brake Assy.	0741025-9,-10	20.01		
	6.00x6 6-Ply (Main) (Two)	1241156-105	39.0*	21.2*	
	Wheel Assy (Cleveland 40-75B)				
	Tire	C163001-0301	6.2	21.6	1
	Tube	C262003-0204	8.7	21.6	l
5		C262023-0102	1.8	21.6	ļ
	Brake Assy - L.H. (Cleveland 30-52)	C163030-0303	2.8	18.9	1
020 0 1	Brake Assy - R.H. (Cleveland 30-52)	C163030-0304	2.8	18.9	
020-0-1	Wheel, Tire, Tube & Brake Assy.	0741025-9,-10	40.2*	26.2*	C C
	6.00x6 6-Ply (Main) (Two)	C163016B0111			
	Wheel Assy (McCauley) (D30063-1)	C163002-0102	6.5	21.6	1
	Tire	C262003-0204	8.7	21.6	
1	Tube	C262023-0102	1.9	21.6	
	Brake Assy - L.H. (McCauley)(D30118-1)	C163032-0201	3.0	18.9	
	Brake Assy - R.H. (McCauley)(D30118-2)	C163032-0202	3.0		
020-0-2	Wheel, Tire, Tube and Brake Assy.	0741025-11,-12	43.2*	18.9	1
	8.00x6 6-Ply (Main) (Two)	0741025-11,-12	43.2*	21.3*	1
	Wheel Assy (Cleveland 40-75D)	0162001 0202			
<i>•</i>	Tire	C163001-0302	6.2	21.6	
-	Tube	C262003-0207	10.7	21.6	
	Brake Assy - L.H. (Cleveland 30-52N)	C262023-0104	1.9	21.6	
	Brake Assy - L.n. (Cleveland SU-S2N)	C163030-0313	2.8	18.9	· .
020-0-3	Brake Assy - R.H. (Cleveland 30-52N)	C163030-0314	2.8	18.9	
020-0-5	Wheel, Tire, Tube and Brake Assy.	0741025-11,-12	44.2*	21.2*	C
•	8.00x6 6-Ply (Main) (Two)	C163016B0113			
	Wheel Assy (McCauley)	C163002-0104	6.5	21.6	
	Tire	C262003-0207	10.7	21.6	
	Tube	C262023-0104	1.9	21.6	
	Brake Assy - L.H. (McCauley)(D30118-1)	C163032-0201	3.0	18.9	
	Brake Assy - R.H. (McCauley)(D30118-2)	C163032-0202	3.0	18.9	
021-R	Wheel and Tire Assy (One)	0742147-8	4.5	260.0	ļ
	8.00 Pneumatic Type Tail				1
021-0		0742147-9	2.0	263.3	
	10.00 Pneumatic Type Tail	0/1224/)	2.0	203.3	
	-, -,	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			
0 30-R	Seat, Pilot	1200605-40	12.0		
030-0-1			13.0	44.0	
031-R		0515001	21.0	41.5	
032-S		S-2070-103	1.0	37.0	
	Shoulder nathess Assy = Pilot	S-2070-201	1.0	37.0	
			ł		
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EQUIPMENT LIST (CONTD) MODEL A185F (1973)

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033-R		REF DRAWING	WT LBS	ARM IN
033-R		4		
	Light, Omni-Flashing Beacon	0731001	1.7*	192.2*
	Light Assy (on Fin Tip)	C621D01-0103	0.4	216.5
	Flasher Assy	C594502-0101	0.7	
034 - S	Landing Light, Cowl Mounted	0752031		217.2
	Light Bulbs (Each)		1.6*	-25.3*
035-R	Indicator, Airspeed	GE 4509	0.5	-32.5
036-0	Indicator, True Airspeed	C661060-0204	0.7	16.0
037-R		0713842	0.8	16.4
· -•	Pump, Fuel, Electric	0716117	2.0	-3.5
038-S	Paint Scheme, Std Stripe (15785 sq.in.)	0704020	2.4	114.8
038-0	Paint Scheme, Overall Cover	0704020	11.1*	95.2*
	Overall Base Cover (102282 sq.in.)		8.9	90.3
	Accent Stripe (15785 sq.in.)		4	
038-0-1	Paint Scheme, AgCarryall	0704021	2.2	114.8
	AgCarryall Stripe (22834 sq.in.)	0704021	12.1*	95.9*
039 - S	Baggage Net, Retaining (Set of 2)		3.2	111.3
040-s	Flootnight Recaining (Set of 2)	2015009-3	1.2	124.0
040=5	Electrical Bus Bar and Relay	0700294	0.3*	16.0*
0/ * -	Relay, Electronic Disconnect	S-1917-1	0.3	16.0
041 - S	Overvolt Warning System	0700294	0.2*	15.0*
	Overvolt Sensor	C5921001-0101	0.2	15.0
	Warning Light	S-2135-1	0.0	
		5 2155-1	0.0	17.0
050-R	Placard, Operation Limitation - Landplane,		5	
	Floatplane, and Amphibian VFR Day-Night			
050-0	Pleased Oremetica Ticking VFR Day-Night	1205001-160	0.0	
0-0-0	Placard, Operation Limitation - Landplane,			
	Floatplane, and Amphibian IFR	1205001-161	0.0	i
200 - A	V-Brace, Floatplane Cowl Deck	0713878	2.7	25.0
201 - A		0700082	0.0	23.0
202 - A		0700067		60.5
203-A			37.0	60.5
•••		0700117-1	0.7*	48.5*
204 - A		C664508-0101	0.3	17.0
		0760000	5.5	14.0
205-A	Corrosion Proofing, Internal	0700082	7.0	72.0
206 - A	Detector Instl. Navigation Light (Set of 2)	0701013	0.0	_
207 - A		0712013	4.8	119.1
208 - A	Control Wheel - All Purpose (Net Change)		0.0	117.1
			0.0	-
210 - A	Filler Cap, Inboard Fuel Instl. (Set of 2)	0721303	2.0	41.5
	(Used With 261-A Long Range Tanks)			
2 11- A		0756025	4.5	-4.0
		1250922-2		-4.0
		C294505-0102	2.0	1
212-A			0.3	
213-A		0701014	3.0	35.0
214 - A		0716116	1.4	42.0
		0701010	0.1	28.5
215-A	Ground Service Plug, Landplane	0700170	2.6	-1.9
215-A-1	Ground Service Plug, Floatplane	0712011	2.5	111.0
216-A		D706001	6.1	13.5
226-A-1	Cyros, Herizon and Cessna Directional, New	b701005-4	6.8	i
	(Use with Nav-O-Matic 300)		9.0	12,7
sellen	Sept. 172 REMISED: A=25 Oct 172; B=3 Mov 173			



CESSNA AIRCRAFT CO

EQUIPMENT LIST (CONT'D) MODEL A185F (1973)

WICHITA, KANSAS ITEM NO DESCRIPTION REF DRAWING WT LBS ARM INS ||>220-A Headrests, 1st Row Seats (Two Installed) 0514048-1 1.8 221-A Headrests, 2nd Row Seats (Two Installed) 46.0 0514048-1 1.8 Hourmeter, Engine Time, Hydraulic Actuated 86.0 222-A 0700331 0.8* 11.6* Indicator C664501-0103 0.5 223-A Heating System, Pitot and Stall Warning 16.5 (Net Change) 0713970 0.5 26.5 224-A Indicator, Economy Mixture 0700141 1.0 6.0 225-A Indicator, Vertical Speed C661080-0101 0.9 15.0 226-A Indicator, Turn Coordinator 0770111 1.3 226-0 15.7 Indicator, Turn and Bank S-1413N2 2.0 226-0-1 15.0 Indicator, Turn Coordinator (for use with Item 500-A)(ARC) 1.9 227-A 14.5 Light Instl. Under Wing Courtesy (Set of 2) 0700615 0.5 61.9 228-A Light, Map (Control Wheel Mounted) 1570149 0.1 229-A Light, Map & Inst. Flood (L.H. Doorpost) 22.5 0700149 0.5 30.5 230-A Strobe Light Installation - Wing Mounted 0701037 2.6* 44.4* Power Supply (Each Tip Rib - Wing)(2) C622007-0101 2.3 46.7 Light and Lens Assys (2) C622006-0101 0.3 42.0 240-A Oil Quick Drain Valve (Net Change) 1256011 0.0 241-A Oil Drain System, Remote (Net Change) 1656002 1.0 -3.0 242-A Oil Dilution System 0756017 Oxygen System, 48 ft³ Capacity, 6-Port 2.0 243-A -1.0 0710640 34.5* 105.0* Oxygen Bottle (Empty) C166001-0601 22.4 112.0 48 ft³(1800 psi) Oxygen @ 0.0832 1b/ft³ 4.0 112.0 Oxygen Masks - Stowed (Set of 6) 1.5 244-A 14.0 Photographic Provisions 0710001 10.5 82.0 245-A Priming System - 2 Point 0716134 1.0 10.0 246-A Rings, Airplane Hoisting 0700612 1.0 49.1 247-A Rings, Cargo Tie-Down (Set of 6) 1201039 1.5 Spray Tank & Pump Instl., Belly Mounted 94.0 250-A 0700222-1 143.6*50.8* Sorensen 151 Gallon Capacity Tank 24-95A 82.5 68.3 Tank Attach Straps & Release Mechanism 24-11, 24-96 7.2 66.7 Sorensen Spray Pump, Valve & Mount Assy 4000, 6-30 32.5 17.8 Sorensen 6 Blade 15 Inch Pump Fan 7-10 3.5 6.4 Fairings, Tank Nose (Set of 2) 24-62 2.3 19.0 Spray Controls & Cables, Window Mounted 24-61 12.1 32.5 Misc. Attachments, Clamps & Hoses 3.6 38.6 251-A Spray Boom Instl., Wing Mounted 0709101-1 36.3* 41.8* Streamlined Spray Booms (Set of 4) 24-24-1, -219.8 43.0 Spray Nozzles (Set of 30) TeeJet 8355 7.2 40.0 Boom to Wing & Strut Braces (Set of 6) 24-12, 24-15 3.4 43.0 Wing Clamp Bands (Set of 4) 24-18, 24-19 2.5 48.0 Misc. Strut Clamps, Plugs & Connectors NOTE: Normal Category operations are prohibited when 3.5 32.6 Item 251-A Wing Mounted Spray Booms are installed. 252-A Stabilizer Abrasion Boots (Set of 2) 0500041 206.0 1.5 -253-A Static Discharger (Set of 7) 0700160-2 0.0 254-A Static Source, Alternate 0701032-1 255-A 0.3 13.7 Step & Handle, Refueling Assist (Set of 2) 0700131-1 1.6 16.6 256-A Stretcher (Boxed) (Portable) 0700164 (Use actual weight 257-A and arm change) Sun Visors (Two) 0500040 0.8 32.8 ISSUED: 20 Sept. '72 REVISED: Page Revised 24 Oct. '73 SHT 4 OF 11

FORM NO. 80-223

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EQUIPMENT LIST (CONT'D) MODEL A185F (1973)

TEA NO DESCRIPTION REF DRAWING WT US ARM INS 260-A Vacuum System (Engine-Driven) 0706001 6.2 -1.4 261-A Requires Item 213-A Fuel Selector (St of Z Net Change) 0700329-2 0.7 -35.0 262-A Front Covers, Installed ATM Shown 0700329-2 0.7 -35.0 263-A Wing Leveler Partial Instl. (for complete or Vinder Or	CESSNA AI		CONT'D) 1973)	\A/1 C + + = +	
260-AVacuum System (Engine-Driven) Wings, Extended Range & Gallon Capacity, Requires Item 213-A Fuel Selector (Set of 2 Net Change)0706001 					
261-A Wings, Extended Range & Cailon Capacity, 0720015 0.2 -1.4 262-A Requires Item 213-A Fuel Selector (Set of 2 Net Change) 7.0 46.5 263-A Winterization Kit (FR-35-98) 0700329-2 0.7 -35.0 263-A Wing Leveler Partial Inst. (for complete system see Item 402-A) 0700109 3.7* -36.4* 264-A Windshield, Tinted, Net Changes 070183 0.0 - - 265-A Wire Cutter, Windshield 0713963 0.8 18.9 266-A Wire Cutter, Windshield 0713963 0.8 18.9 266-A Wire Cutter, Windshield 0713963 0.8 18.9 266-A Wire Cutter, Windshield 0713963 1.1 177.1 266-A Wire Cutter, Windshield 0713963 1.1 177.1 266-A Wire Cutter, Windshield 0713963 1.1 177.1 266-A Shelf, Utility (With 2nd Row Bench Seat) 0513013 2.0 98.0 271-A Float Installation, Amphibian, Edo 42090 (Edo) (Use actual weigh and arm change) 022-0, 200-A, 255-A, 273-A, and requesc	<u> </u>	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
261-A Wings, Extended Range & Galion Capacity, Requires Iten 213-A Fuel Selector (Set of Vinterization Kit (RK-85-98) 0700329-2 7.0 46.5 263-A Wing Leveler Partial Inst. (for complete system see Iten 402-A) Wing Servo (2) 0701009 3.7* 36.4* 264-A Windshield, Tinted, Net Changes 0700183 0.0 - 265-A Wire Cutter, Windshield 0713963 4.0 20.0 266-A Wire Cutter, Windshield 0713963 1.1 177.1 266-A Shelf, Utility (With 2nd Row Bench Seat) 0513013 2.0 98.0 271-A Float Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces O20-R and 021-R) 55770 (Edo) (Use actual weigh and arm change) 272-A Float Installation, Amphinan, Edo Model 597-2790 (This item is in addition to Items 002-0, 741 Ski Model C3200 (Item 0200-0, 741 Ski Model C3200 (Item 02	260 - A	Vacuum System (Engine-Driven)	0706001	6.2	1 /
262-A Winterization Kit (FR-85-98) Front Covers, Installed Arm Shown 0700329-2 1.2* -30.2* 263-A Wing Leveler Partial Instl. (for complete system see Item 402-A) Wing Servo (2) 0701009 3.7* 36.4* 264-A Windshield, Tinted, Net Changes 0700183 0.0 -35.0 265-A Wire Cutter, Mindshield 0713963 4.0 20.0 265-A Wire Cutter, Mindshield 0713963 0.8 8.9 267-A Cable Deflector, Cabin Top to Fin 0713963 1.1 177.1 268-A Shelf, Utility (With 2nd Row Bench Seat) 0513013 2.0 98.0 271-A Float Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces O20-R and 021-R.) 55770 (Edo) (Use actual weigh and arm change) 272-A Float Installation, Amphibin, Edo Model 597-2790 (This item is in addi- tion to Items 002-0, 200-A, 255-A, 273-A, and replaces Item 202-R, cesana Partial (Structural Reinforcement) 0710010 18.5 57.0 274-A Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3200, Tail Ski Model C-3200, Tail Ski Model C3200 (Item 020-R required) 1101561 (Use actual weigh and arm change) (Use actual weigh and arm change) and arm change)	261 - A	Wings, Extended Range 84 Gallon Capacity.	0720015	1	
263-AFront Covers, Installed Arm Shown Wing Levelr Partial Instl. (for complete system see Item 402-A) Wing Servo (2)07010090.7-35.0264-AMisc. Hardware & Bellcrank Change Wire Cutter, Main Gear (Set of 2) (265-A 266-A0701830.0-263-AWire Cutter, Main Gear (Set of 2) (266-A07139630.0-263-AWire Cutter, Main Gear (Set of 2) (267-A07139630.818.9268-AShelf, Utility (With 2nd Row Bench Seat)05130132.098.0271-AFloat Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces 020-R and 021-R)55770 (Edo)(Use actual weigh and arm change)272-AFloat Installation, Amphibin, Edo Model 597-2790 (This item is in addit- tion to Items 002-0, 200-A, 255-A, 273-A, and replaces Item 020-R) (Plui-Dyne) Main Ski Model A3500A, Tail Ski, Model C3200, Tail Ski Model CT3200 (Item 020-R required)071001018.557.0275-AWheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-0, required)11G1562 (Use actual weigh and arm change)(Use actual weigh and arm change)276-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3200 (Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Flui-Dyne)(Use actual weigh and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3200 (Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Flui-Dyne)(Use actual weigh and arm change)277-A <td< td=""><td>262-A</td><td></td><td></td><td>1 24</td><td>20.0.</td></td<>	262 - A			1 24	20.0.
253-AWing Leveler Partial Inst1. (for complete system see item 402-A) Wing Servo (2) Misc. Hardware & Bellcrank Changes 		Front Covers, Installed Arm Shown	0700329-2		
Misc. Hardware & Bellcrank Changes07001832.428.1265-AWire Cutter, Main Gear (Set of 2)07139634.020.0265-AWire Cutter, Windshield07139630.818.9267-ACable Deflector, Cabin Top to Fin07139631.1177.1268-AShelf, Utility (With 2nd Row Bench Seat)05130132.098.0271-AFloat Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces 020-R and 021-R.)55770 (Edo)(Use actual weigh and arm change)272-AFloat Installation - Wheel Replacement (Replaces Item 020-R) (This yitem so d02-R, and 021-R.)071001018.557.0273-AFloatplane Fittings, Cessna Partial (Structural Reinforcement)071001018.557.0275-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (T3200, Tail Ski Model Cr3200, Tail Ski Model Cr3200 (Item 020-0, required)11G1562 (Use actual weigh and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model Cr3200 (Item 020-R required)11G1562 (Flui-Dyne)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model Cr3200 (Item 020-R required)11G1550 (Flui-Dyne)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model Cr3200 (Item 020-0 required)11G1550 (Flui-Dyne)277-AWheel Ski Installation, Hydraulically Actuated	263 - A	system see Item 402-A) Wing Servo (2)	0701009	3.7*	36.4*
265-A 266-AWire Cutter, Main Gear (Set of 2) Wire Cutter, Windshield O7139630.0 	264			2.4	
266-A 267-AWire Cutter, Windshield Utility (With 2nd Row Bench Seat)0713963 07139630.818.9 08.0271-AFloat Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces 020-R and 021-R)55770 (Edo)(Use actual weigh and arm change)272-AFloat Installation, Amphibian, Edo Model 597-2790 (This Item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces Items 020-R and 021-R.)55770 (Edo)(Use actual weigh and arm change)273-AFloat Installation, Amphibian, Edo Model 597-2790 (This Item is in addition to Items 002-0, 200-R, 255-A, 273-A, and replaces Items 020-R and 021-R.)071001018.557.0274-ASki Installation - Wheel Replacement (Replaces Item 020-R) (Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model C3200, Tail Ski Model CT3200 (Item 020-R required)11G1561 (Iui-Dyne) Main Ski Model CT3200 (Item 020-R) (Flui-Dyne) Main Ski Model CT3200 (Item 020-R) required)11G1562 (Use actual weigh and arm change)276-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R) required)11G1550 (Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R) required)11G1550 (Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R) required)(Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actua					-
267-A Cable Deflector, Cabin Top to Fin 0713963 0.3 18.9 268-A Shelf, Utility (With 2nd Row Bench Seat) 0713963 1.1 177.1 268-A Float Installation, Edo Model 628-2960 (Use actual weigh and arm change) 271-A Float Installation, Aphibian, Edo 55770 (Edo) (Use actual weigh and arm change) 272-A Float Installation, Amphibian, Edo 42090 (Edo) (Use actual weigh and arm change) 273-A Float Installation, Amphibian, Edo 0710010 18.5 57.0 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R, 200-A, 255-A, 273-A, and replaces Item 020-R, 200-A, 255-A, 273-A, 273-A 0710010 18.5 57.0 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R, 200, (Flui-Dyne) 1161561 (Use actual weigh and arm change) 275-A Wheel Ski Installation, Hydraulically 1161560 (Use actual weigh and arm change) 276-A Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200 (Item 020-R required) 1161562 (Use actual weigh and arm change) 277-A Wheel Ski Installation, Hydraulically 116150 (Use actual weigh and arm change) 276-A Wheel Ski Installation, Mydraulically <		Wire Cutter, Main Gear (Set of 2)			1 1
268-A Shelf, Utility (With 2nd Row Bench Seat) 0513013 2.0 96.0 271-A Float Installation, Edo Model 628-2960 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces 020-R and 021-R) 55770 (Edo) (Use actual weigh and arm change) 272-A Float Installation, Amphibian, Edo Model 597-2790 (This item is in addi- tion to Items 002-0, 200-A, 255-A, 273-A and replaces Items 020-R, and 021-R.) 6710010 18.5 57.0 273-A Floatplane Fittings, Cessna Partial (Replaces Item 020-R) (Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model C3200, Tail Ski Model CT3200 (Item 020-R required) 11C1561 (Use actual weigh and arm change) (Use actual weigh and arm change) 276-A Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required) 11C1562 (Iui-Dyne) (Use actual weigh and arm change) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required) 11C1550 (Iui-Dyne) (Use actual weigh and arm change) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required) 11C1550 (Iui-Dyne)		Cable Deflector Cabin Ton to Tim		1	
 271-A Float Installation, Edo Model 628-2960 (This item is in addition to Ttems 002-0, 200-4, 255-4, 273-4, and replaces 020-R and 021-R) 272-A Float Installation, Amphibian, Edo Model 597-2790 (This item is in addit- tion to Items 002-0, 200-4, 255-4, 273-4, and replaces Item 020-R and 021-R.) 273-A Floatplane Fittings, Cessan Partial (Structural Reinforcement) 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R)(Flui-Dyne) Main Ski Model CT3200, Tail Ski, Model cr3200, Tail Ski Model CT3200 (Item 020-R required) 276-A Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model CT3200, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200, Tail Ski Model CT3200 (Item 020-0 required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 277-A 		Shelf Utility (With 2nd Boy Bonch Sout)			
 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces 020-R and 021-R) 272-A Float Installation, Amphibian, Edo Model 597-2790 (This item is in addi- tion to Items 002-0, 200-A, 255-A, 273-A, and replaces Items 020-R and 021-R.) 273-A Floatplane Fittings, Cessna Partial (Structural Reinforcement) 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R) (Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model CT3200 275-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 276-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Slue actual weigh) and arm change) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) Main Ski Model (Clui-Dyne) Main Ski Model (Clui-Dyne) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) 275-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) 275-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) 276-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Clui-Dyne) 277-A Wheel Ski Model CT3200 (Item 020-0 required) 278-A 278-A 279-A <l< td=""><td>200-4</td><td>Shell, Stilly (with 2nd Row Bench Seat)</td><td>0313013</td><td>2.0</td><td>98.0</td></l<>	200-4	Shell, Stilly (with 2nd Row Bench Seat)	0313013	2.0	98.0
 272-A Float Installation, Amphibian, Edo Model 597-2790 (This item is in addi- tion to Items 002-0, 200-A, 255-A, 273-A and replaces Items 020-R and 021-R.) 273-A Floatplane Fittings, Cessna Partial (Structural Reinforcement) 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R)(Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model CT3200 275-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model (Flui-Dyne) Main Ski Model CT3200 (Item 020-R required) 276-A Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model CT3200 (Item 020-R) 277-A Wheel Ski Installation, Hydraulically Meel Ski Installation, Hydraulically (Flui-Dyne) Main Ski Model CT3200 (Item 020-R) (Tail Ski Model CT3200 (Item 020-R) required) 277-A Wheel Ski Installation, Hydraulically (Flui-Dyne) Main Ski Model CT3200 (Item 020-R) required) 277-A Wheel Ski Installation, Hydraulically (Subdel CF10-Dyne) Main Ski Model CT3200 (Item 020-R) required) 277-A Wheel Ski Installation, Hydraulically (Subdel CF10-Dyne) Main Ski Model CT3200 (Item 020-R) (Subdel CF10-Dyne) Main Ski Model CT3200 (Item 020-0 required) 277-A Verence Subdel CF10-Dyne) Main Ski Model CT3200 (Item 020-0 required) 277-A 	271 - A	(This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and	[.] 55770 (Edo)		
 Model 597-2790 (This item is in addition to Items 002-0, 200-A, 255-A, 273-A, and replaces Items 020-R and 021-R.) Floatplane Fittings, Cessna Partial (Structural Reinforcement) 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R) (Flui-Dyne) (Fl	070				
 273-A Floatplane Fittings, Cessna Partial (Structural Reinforcement) 274-A Ski Installation - Wheel Replacement (Replaces Item 020-R) (Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model CT3200 275-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3200, Tail Ski Model CT3200 (Item 020-R required) 276-A Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-R required) 277-A 	2/2 - A	Model 597-2790 (This item is in addi- tion to Items 002-0, 200-A, 255-A, 273-A,	42090 (Edo)		
(Replaces Item 020-R)(Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model CT3200(Flui-Dyne) (Flui-Dyne)(Istrong (Flui-Dyne)275-AWheel Ski Installation, Hydraulically C3200, Tail Ski Model CT3200 (Item 020-R required)11G1560 (Use actual weight and arm change)276-AWheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required)11G1562 (Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Use actual weight and arm change)	273 - A	Floatplane Fittings, Cessna Partial	0710010	18.5	57.0
Actuated (Flui-Dyne) Main Ski Model C3200, Tail Ski Model CT3200 (Item 020-R required) Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required) 277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required) LIG1550 (Use actual weight and arm change) (Use actual weight and arm change)	274 -A	(Replaces Item 020-R)(Flui-Dyne) Main Ski Model A3500A, Tail Ski, Model			
276-AWheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R required)11G1562 (Flui-Dyne)(Use actual weight and arm change)277-AWheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required)11G1550 (Use actual weight and arm change)156UED 20 Sect 172 Drwstp	275 - A	Actuated (Flui-Dyne) Main Ski Model C3200, Tail Ski Model CT3200 (Item			
277-A Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item 020-0 required) (Flui-Dyne) (Use actual weight and arm change)	276 - A	Wheel Ski Installation, Manually Actuated (Flui-Dyne) Main Ski Model C-3200, Tail Ski Model CT3200 (Item 020-R			
ISSUED: 20 Sept. '72 REVISED: SHT 5 OF 11	277 - A	Wheel Ski Installation, Hydraulically Actuated (Flui-Dyne) Main Ski Model C3600, Tail Ski Model CT3200 (Item			
SHT 5 OF 11					
FORM NO. 80-223		•		SHT	5 OF 11



EQUIPMENT LIST (CONT'D)

CESSNA AIR	CRAFT CO MODEL A185F (19		WICHITA,	KANSAS	
ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS	
280-A	Seat, Adjustable Fore and Aft Co-Pilot	1200605	13.0	44.0	
280-A-1	Seat, Articulating Vertical Adj. Co-Pilot	0515001	21.0	41.5	÷
281 - A	Seat Assy, 2nd Row 2-Place Bench	0715018	21.0	72.0	
281-A-1	Seat Assys, 2nd Row Individual Stowable (Set of 2)	0711703	19.0	72.0	
282-A	Seat Assy, 3rd Row 2-Place Bench	0711097	5.0	100.0	
282-A-1	Seat Assy, 3rd Row Foldaway Child	0501009-4	7.6	101.5	
284 - A	Belt & Shoulder Harness Assy, Co-Pilot	S-2070-3	2.0	37.0	
285 - A	Belt, 2nd Row Lap (Set of 2)	S-1746-27	2.0	73.0	
285 - A-1	Belt & Shoulder Harness Assy, 2nd Row (Set of 2)	S-2070-2	4.0	73.0	
286-A	Belt, 3rd Row Lap (Set of 2)	S-1746-6	2.0	97.0	
286-A-1	Belt & Shoulder Harness Assy, 3rd Row (Set of 2)	S-2070-15	4.0	97.0	
286 - A-2	Belt, 3rd Row Lap (for Foldaway Child Seat Item 282-A-1)	S-1746-5	0.9	97.0	
NOTE: The	installation weight per individual seat or	belt assembly i	s shown a	bove.	
	also Items 030-R through 032-S for pilot se				
seat	ing installation, include one seat belt (or	seat belt and	shoulder	harness	
	mbly) for each occupant for whom seating is				
	m 400-A through Item 400-A-3 Typical Seatin				
bina	tions of seating utilizing lst Row Non-Vert s only in 2nd and 3rd rows are listed.			Lap	
290 - A	Aileron-Rudder Interconnect (stowed)	0742001	1.1	77.1	A
291 - A	(Floatplane)(Installed arm shown) Rudder Centering Spring Instl. (stowed)	0742004-1	0.5	181.9	A
	(Floatplane)(Installed arm shown)				
292 - A	Ventral Fin (Stowed)(Floatplane) (Installed Arm Shown)	0712674-1	1.8	206.0.	A
	Seating Arrangements, Typical (Net Change)				
400-A	2-Place Pilot & Co-Pilot		15.0	43.1	
400-A-1	4-Place 2nd Row 2 Place Bench Seat		38.0	60.6	
400-A-2	6-Place 2nd Row Individual Stowable & 3rd Row Foldaway Child Seat		44.5	67.8	1
400-A-3	6-Place 2nd Row Individual Stowable & 3rd Row 2-Place Bench Seat		43.0	66.4	
401-A	Primary Group (FK-85-37E)		4.5*	24.7*	
	017-0 Sensitive Altimeter		1.0	15.0	1
1	017-R Standard Altimeter (delete)		-0.8	15.5	1
	203-A Clock	1	0.7	48.5	1
	214-A OAT Gage		0.1	28.5	
	225-A Vertical Speed Indicator		0.9	15.0	1
	229-A Map Light - Door Post Mounted		0.5	22.5	
	257-A Sun Visors		0.8	33.0	
	226-A Turn Coordinator		1.3	15.7	
ISSUED: 20	Sept. '72 REVISED: 25 Oct. '72 =A	T	SHT	6 OF 11	1
5084 NO 80-2					



EQUIPMENT LIST (CONT'D) MODEL A185E (1973)

CESSNA AIRCRAFT CO

WICHITA, KANSAS

ITEM NO	DESCRIPTION	REF DRAWING	WICHITA,	ARM INS	l
\triangleright					
401 - A-1	Primary Group - for use with 300 Nav-O-				
	Matic of Wing Leveler (FK-85-37F)		3.2*	28.4*	
	400-A Standard Primary Group		4.5	24.7	
	226-A Turn Coordinator (delete)		-1.3	15.7	l
402 - A	Wing Leveler Installation (FK-85-129B)	0701009	13.0*	13.3*	
	263-A Partial Installation		3.7	36.4	l
	Turn Coordinator		2.8	14.9	
	260-A Vacuum System		6.2	-1.4	I
403 - A	Floatplane Kit, Std. Tanks (FK-85-18N)	0742000	36.3*	63.5*	
	002-0 Propeller - Net Change		0.2	-40.2	
	200-A Cowl Deck V-Brace		2.7	25.0	
	201-A Corrosion Resistant Cables		0.0		
	205-A Corrosion Proofing - Internal		7.0	72.0	
	213-A Fuel Tank Selector Valve		1.4	42.0	
	246-A Hoisting Rings, Airplane		1.0	42.0	
	255-A Refueling Step and Handle		1.6		
			•	16.6	
			18.5	57.0	
			1.1	77.1	
	291-A Rudder Centering Springs		0.5	181.9	
	292-A Ventral Fin		1.8	206.0	
03-A-1	Floatplane Kit, Long Range Tanks (FK-85-18P		38.3	62.4	E
404 - A	24 Volt Electrical System - Net Change	0770077	0.6*	304.3*	
	(Major Components Listed)				
	Add: Alternator - 28V, 60 Amp	C611503-0101	10.7	-3.5	
	Starter - Prestolite MHJ4002		16.5	-4.0	
	Battery - 24V	0870060	27.9	114.0	
	Alternator Output Regulator	C611002-0102	0.7	-0.5	
	Overvolt Sensor System		0.6	0.9	
	Battery Box - Net Change		0.4	114.0	
	Delete: Alternator 14V, 60 Amp	C611501-0102	-10.8	-3.5	
	Starter - Prestolite MCL6501		-17.8	-4.0	
	Battery 12V, 33 A.H.	0712605-1	-26.6	114.0	
	Alternator Output Regulator	C611001-0101	-0.8	-1.0	
	Overvolt Sensor System	C593001-0101	-0.2	-15.0	
405 - A	AgCarryall Kit Normal Category (Consists	0700259-6	192.8*	51.0*	
-	of the following:) 020-0 Wheels & Tires Oversize (Net Change)	6.1	21.2	
	030-0-1 Exterior Styling (Net Change)	/	9.7	91.2	
	204-A Dual Controls		5.5	14.0	
	205-A Corrosion Proofing		7.0	72.0	
	250-A Spray Tank & Pump Installation		143.6	50.8	
	265-A Wire Cutters - Main Gear		4.0	20.0	
	265-A Wire Cutters - Wann Gear 266-A Wire Cutters - Windshield		1		
	267-A Cable Deflector		0.8	18.9	
			1.1	177.1	
	280-A Co-Pilot Seat		13.0	44.0	
06.	284-A Co-Pilot Belt & Shoulder Harness		2.0	37.0	
+06 - A	AgCarryall Kit - Restricted Category		229.1*	49.5*	
	(Consists of the following:)				
	405-A AgCarryall Kit - Normal Category		192.8	51.0	
	251-A Spray Boom Instl.		36.3	41.8	
			L		
ISSUED:20 S	ept. '72 REVISEDA =25 Oct. '72, B=3 Nov. '72		SHT	7 OF 11	



ITEM NO

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EQUIPMENT LIST (CONT'D) MODEL ______ A185E (1972)

DESCRIPTION

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WICHITA, KANSAS REF DRAWING WT LBS ARM INS 0770096-2 25.3* 23.7*

511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 525-A 526-A 527-A 528-A 529-A 530-A 531-A	Electronic Option A Nav-Com Provisions Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., VOR Nav Antenna Instl., WF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation, (0770039-1) Microphone Installation, Hand Held Microphone Installation, Hand Held Microphone Installation, Cabin	33827-0000 2070000-256 1200166 0770400-634 0770400 0770400	1.6 0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8 0.2 0.7 1.5	 165.0 11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 69.7 95.1 42.8 165.0 95.3 5.0 1.0 11.8 13.5 18.8 16.9 27.0 8.0 16.5 124.0 37.6 8 OF 11
511-A 512-A 513-A 514-A 520-A 521-A 522-A 521-A 522-A 523-A 524-A 525-A 526-A 527-A 528-A 529-A 530-A 531-A 531-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held Microphone Instl., Doorpost Mounted Boom Radio Cooling System - Each Unit Instl. Radio Selector Switches & Wiring Remote Radio Rack	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-752 0770400-703 0770400-701 0770400-750 0770400	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8 0.2 0.5 0.7	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\11.8\\13.5\\18.8\\16.9\\27.0\\8.0\\16.5\\124.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 521-A 522-A 523-A 524-A 525-A 526-A 527-A 528-A 529-A 530-A 531-A 531-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held Microphone Instl., Doorpost Mounted Boom Radio Cooling System - Each Unit Instl. Radio Selector Switches & Wiring Remote Radio Rack	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-752 0770400-703 0770400-701 0770400-750 0770400	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8 0.2 0.5 0.7	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\11.8\\13.5\\18.8\\16.9\\27.0\\8.0\\16.5\\124.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 526-A 527-A 528-A 529-A 530-A 531-A 532-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held Microphone Instl., Doorpost Mounted Boom Radio Cooling System - Each Unit Instl. Radio Selector Switches & Wiring Remote Radio Rack	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-752 0770400-703 0770400-701 0770400-750 0770400	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8 0.2 0.5 0.7	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\11.8\\13.5\\18.8\\16.9\\27.0\\8.0\\16.5\\124.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 526-A 527-A 528-A 529-A 529-A 530-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held Microphone Instl., Doorpost Mounted Boom Radio Cooling System - Each Unit Instl.	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-703 0770400-703 0770400-701 0770400-750 0770400	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8 0.2	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9*\\63.0\\20.5*\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\11.8\\13.5\\18.8\\16.9\\27.0\\8.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 522-A 523-A 525-A 525-A 525-A 526-A 527-A 528-A 529-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held Microphone Instl., Doorpost Mounted Boom	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-752 0770400-703 0770400-750	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6 0.8	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9*\\63.0\\20.5*\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\11.8\\13.5\\18.8\\16.9\\27.0\\\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 525-A 526-A 527-A 528-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1) Microphone Installation, Hand Held	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-635 0770400-714 0770400-734 0770400-733 0770400-701	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1 0.6	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7 95.1 42.8 165.0 95.3 5.0 1.0 11.8 13.5 18.8 16.9
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 526-A 527-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay Headset Installation (0770039-1)	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-714 0770400-714 0770400-734 0770400-703	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1 0.1	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\1.8\\13.5\\18.8\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A 526-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box Audio Muting Relay	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-714 0770400-734 0770400-752	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5 0.3 0.1	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\\1.8\\13.5\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A 524-A 525-A	<pre>Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables Audio Isolation Amplifier (KA-25C) Audio Junction Box</pre>	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634 0770400-635 0770400-714 0770400-734	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5 1.5	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\\1.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A 523-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav Antenna Instl., ADF Anti Precip Net Change Antenna Coupler and Cables	0770400-629 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634 0770400-634	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7 0.5	$ \begin{array}{c} 11.8\\18.8\\16.9\\37.6\\16.7\\62.9\\63.0\\20.5\\20.0\\20.0\\69.7\\95.1\\42.8\\165.0\\95.3\\5.0\end{array} $
511-A 512-A 513-A 514-A 520-A 521-A 522-A	 Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., ADF Anti Precip Net Change 	0770400-629 0770400-734 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6 0.7	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7 95.1 42.8 165.0 95.3
511-A 512-A 513-A 514-A 520-A 521-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com Antenna Instl., VOR Nav	0770400-629 0770400-734 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2 1.6	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7 95.1 42.8 165.0
511-A 512-A 513-A 514-A 520-A	 Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant. Antenna and Cable Instl. VHF Com 	0770400-629 0770400-734 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9 1.2	<pre>11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7 95.1 42.8</pre>
511-A 512-A 513-A 514-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. Electronic Option E Anti-Precip ADF Ant.	0770400-629 0770400-734 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166 0770400-634	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7 0.9	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7 95.1
511-А 512-А 513-А	 Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy Electronic Option D Nav-O-Matic Wing Prov. 	0770400-629 0770400-623 0770400-734 0770400-703 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256 1200166	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2 0.7	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0 69.7
511-A 512-A	 Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC) 300 ADF Sense Antenna Cable Assy 	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000 2070000-256	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6 0.2	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0 20.0
511-A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC)	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5* 20.0
511 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna Electronic Option C ADF Antenna Provisions 300 ADF Loop Antenna Cable (ARC)	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104 0770400-36 33827-0000	0.3 0.1 0.6 1.5 - 0.4* 0.4 1.2* 0.6	11.8 18.8 16.9 37.6 16.7 62.9* 63.0 20.5*
511 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna Antenna	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628 C598501-0104	0.3 0.1 0.6 1.5 - 0.4* 0.4	11.8 18.8 16.9 37.6 16.7 62.9* 63.0
	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin Circuit Breaker Electronic Option B Left VHF Com Antenna	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713 S-1360-10 0770400-628	0.3 0.1 0.6 1.5 - 0.4*	11.8 18.8 16.9 37.6 16.7 62.9*
510 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713	0.3 0.1 0.6	11.8 18.8 16.9 37.6
510 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held Speaker Installation, Cabin	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701 0770400-713	0.3 0.1 0.6	11.8 18.8 16.9 37.6
510 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box Headset Installation Microphone Installation - Hand Held	0770400-629 0770400-623 0770400-734 0770400-703 0770400-701	0.3 0.1 0.6	11.8 18.8 16.9
510 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav Audio Junction Box	0770400-629 0770400-623 0770400-734	0.3	11.8
510 - A	Antenna & Cable VHF Communication Antenna & Cable VOR Nav	0770400-629 0770400-623		
510 - A	Antenna & Cable VHF Communication	0770400-629	1.6	165.0
510 - A	•			
510-4	Floctropic Option A New-Com Browisions	0770600 16	0.4	78.5* 62.9
			4.7*	70 E-1
1	Misc. Parts and Wiring		3.5	60.5
	Servo Actuator - Roll		3.3	68.9
	Vacuum System (Item 260-A) Wing Installation Items	1200166-1	6.2	-1.4
	Turn Coordinator (Item 226-0-1)		1.9	14.5
	Omni Coupler	28900	0.8	12.7
	Gyro Installation (Item 216-A)	0701005-2	6.8	12.7
	Controller Amplifier and Mount		25.3* 1.5	15.0
500-A	Nav-O-Matic 300 (With Item 216-A)	0770096-2		23.7*



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EQUIPMENT LIST (CONT'D) MODEL <u>A185F</u> (1973)

WICHITA, KANSAS

			WICHITA,	KANSAS	
ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS	
550 - A	Cessna 300 ADF (546A or 546E)	0770400-193,19	4 7 0.1	00.01	
550 M	R-546A Receiver or	(12(0,1001		20.3*	
	R-546E Receiver with BFO	41240-1001	3.3	12.5	
		41240-0101	3.3	12.5	
	M-346A Mounting Box	40900-0000	0.5	12.5	
	IN-546 Indicator	41250-1001	0.9	16.0	
	L-346A Antenna, Fixed Loop	41000-1000	1.4	39.3	
	Sense Antenna Installation	0770400 - 639	0.2	94.8	
551 - A	Cessna 300 DME (KN-60C)	0770400-82	8.5*	22.0*	
	KN-60C Transceiver 066-1020-20	C582602-0301	6.1	11.5	
	Mounting Box		0.6	11.5	
	KA-32 Antenna	0770400-616			
		0770400-010	0.3	93.3	
552 - A	Cessna 300 Marker Beacon (502B)	0770400 - 192	2.7*	41.6*	
	R-502B Receiver	31240-0014	1.0	12.2	
	Antenna, "L" Shaped Rod	0770681-1	0.4	142.5	
553 - A	Cessna 300 Nav-Com 100 Channel (508A)	0770400-196	9.2*	12.3*	
	RT-508A Receiver Transmitter	39360-1014	6.7	12.0	
	Mounting Box	40550			
	IN-514R VOR Indicator		0.8	12.0	
	IN-SIGK VOR INGICATOI	31640 - 0000	0.9	16.8	
554 - A	Cessna 300 Nav-Com 360 Ch. (328A & IN514R)		9.7*	12.3*	
	RT-328A Receiver Transmitter	41740-1114	7.1	12.0	
	Mounting Box	40550-0000	0.8	12.0	
	IN-514R VOR/LOC Indicator	31640-0000	0.9	16.8	
555 - A	Cessna 300 Nav-Com 360 Ch. (328A & IN525A)		9.8*	12.3*	
	RT-328A Receiver Transmitter	41740-1114			
	Mounting Box		7.1	12.0	
		40550-0000	0.8	12.0	
	IN-525A Indicator	32350-0000	1.0	16.8	
556 - A	Cessna 300 Nav-Com 360 Ch.(528E & IN-514R)	0770400-197	9.9*	12.3*	
	RT-528 Receiver Transmitter		7.3	12.0	
	Mounting Box	40550	0.8	12.0	
	IN-514R VOR/LOC Indicator	31640-0000	0.9	16.8	
			0.9	10.0	
557 - A	Cessna 300 Nav-Com 360 Ch. (528E & IN525A)	0770400-197	10.0*	12.3*	
	RT-528E Receiver Transmitter		7.3	12.0	
	Mounting Box	40550	0.8	12.0	
	IN-525A VOR/ILS Indicator	32350-0000	1.0	16.8	
558 - A	Cessna 300 HF Transceiver (PT-10A)	0770400-162	21.0*	84.6*	
	PT-10A Transceiver	C582103-0101	4.2	11.2	
	Mounting Box	0502105 0101	<i>-</i>	11.2	
	PT-10PS-14 Remote Power Supply	C582103-0201	8.6	117.1	
	DX-10RL-14 Antenna Load Box	C589502-0101	4.2	110.1	
	351 Inch Long Antenna Wire Instl. 0770400-614		0.3	127.7	
ISSUED: 20	Sept. '72 REVISED:		SHT	9 OF 11	
				· · · · · ·	



EQUIPMENT LIST (CONT'D)

MODEL <u>A185F (1973)</u> CESSNA AIRCRAFT CO WICHITA, KANSAS ITEM NO DESCRIPTION REF DRAWING WT LBS ARM INS |1>559**-**A Cessna 300 VHF Transceiver (524A) 0770400-49 8.0* 11.1* RT-524A Transceiver 31390-1114 6.7 11.5 30420-0000 M-514R Mounting Box 11.5 0.7 40.4* 4.8* 560**-**A Cessna 300 Transponder (KT-76 or KT-78) 3901000 KT-76 Transceiver (High Altitude) C589520-0101 2.8 12.5 KT-78 Transceiver (Low Altitude) 2.8 12.5 C589520-0104 0.1 126.0 KA-48 Antenna 071-1048-00 C589508-0101 Cessna 400 Glideslope (443A) 5.4 100.2 570-A 3910119-5 В Cessna 400 ADF (Includes Antennas) 0770400-195 7.9 20.3 571**-**A В 16.2 47.2 Cessna 400 Nav-Com W/IN442A (VOR/LOC) В 572-A 3910121-29 Cessna 400 Nav-Com W/IN443A (VOR/ILS) 3910121-31 16.2 47.2 В 573-A Cessna 400 Transponder (Includes Ant.) (506A) 3910101 8.5 88.0 574-A В Cessna 400 VHF Transceiver 3910124-3 10.2 65.2 575-A В 0770134 2.4* 119.0* 580-A Emergency Locator Transmitter 2.1 118.0 Transmitter (C589510-0102) 0.1 137.0 Antenna (C589519-0103) 0770400-162 24.6* 83.4* 581-A Sunair SSB, HF Transceiver (ASB-125) RE-1200 Single Side Band Transceiver 99680 4.5 11.5 0.8 11.5 Mounting Box PA-1010A Remote Power Amplifier 99682 117.2 8.5 CU-110 Antenna Coupler 99816 5.2 110.1 0770400-611 0.3 127.7 351 Inch Active Length Antenna Wire '72 '72 **REVISED**: B = 3 Nov. SHT 10 OF 11 ISSUED: 20 Sept.

FORM NO. 80-223

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EQUIPMENT LIST (CONT'D) MODEL A185F (1973)

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В

			CRAFT CO MODEL A185F (197	/3)		WICHITA,	KANS.	AS
ſ	ITEM	NO >	DESCRIPTION	REF	DRAWING	WT LBS	ARM	
ſ			INSTRUCTIONS FOR USING RADIO EQUIPMENT LIST	NGS:				
	Com	nlete ra	dio installations require cortain companyia		·			
	ind	ividual	dio installations require certain supporting radio items listed. The following installa	g equi	Lpment in a	ddition	to the	2
	be	used as	a guide in the determination of complete in		examples an ations	a notes	nould	1
1	1.	Complet	nit Cessna 300 Nav-Com 360 Channel with VOR e Installation Consists of Items:	ILS]	Indicator	15.3*	33.	,3*
		555 - A	Cessna 300 Nav-Com 360 Ch. (328A & IN-525A)			9.8	12.	.3
		520 - A	Antenna & Cable, Left VHF Communications			1.2	42.	. 8
		521 - A	Antenna & Cable, VOR Navigation			1.6	165.	. 0
		525-A	Audio Junction Box			0.3	11.	. 8
		527 - A	Headset Installation			0.1	18.	
		528 - A 530 - A	Microphone Installation, Hand-Held			0.6	16.	
		533 - A	Radio Cooling Installation			0.2	8.	
		722-A	Speaker Installation, Cabin			1.5	37.	.6
	2.	Second Complet	Unit Cessna 300 Nav-Com 100 Channel with VOR e Installation. Consists of Items:	Indi	icator	11.7*	15.	2*
			Cessna 300 Nav-Com 100 Ch. (508A)			9.2	12.	3
		520 - A	Antenna & Cable, Right VHF Communication			1.2	42.	8
		523 - A	Antenna Coupler & Cables, VOR		•	0.5	5.	0
		526 - A	Audio Muting Relay			0.1	13.	5
		530-A	Radio Cooling Installation			0.2	8.	0
Ī	-	531 - A	Radio Selector Switches and Wiring			0.5	16.	Ś
	3.	Second Consist	Unit Cessna 300 ADF with BFO Complete Insta s of Items:	latio	on	8.5*	20.	0*
		550 - A	Cessna 300 ADF (546-A or 546-E)			7.9	20.	3
			Audio Muting Relay			0.1	13.	
		531 - A	Radio Selector Switches and Wiring			0.5	16.	5
	4.	Third U Install	nit Cessna 300 Marker Beacon Receiver Comple ation. Consists of Item 552-A only.	te		2.7	41.	6
	5.		Unit Cessna 400 Glideslope Receiver Complete ation. Consists of Item 570-A only.			5.4	100.	2
	NOTI							
		<u> </u>						
	1.	Item 52 install	4-A (KA-25C Audio Isolation Amplifier) is re ations not incorporating a "Cessna Crafted"	quire VHF c	ed for all or HF.	multip1e	radio	
	2.	All pan	el mounted transmitters require Item 530-A	Radic	• Cooling §	ystem).		
	3.	than 2	2-A (Remote Radio Rack) is required for all remote units are used (Antenna Load Box not uded with the 3rd remote unit installation w	inclu	uded) a sec	tion – i ond rack	more must	
	1551	JED:20 S	ept. '72 REVISED : B = 3 Nov. '72			SHT	11 O F	11

CESSNA AIRCRAFT COMPANY MODELA185F WICHITA, KANSAS

REVISED WEIGHT & BALANCE DATA

Aircraft Serial No. 18502213 F.A.A. Registr	ation No. N3	946Q, Da	te: 5/19/73
ITEM	Weight (lbs.)	C.G. Arm (inches)	Moment (lb.ins.)
ORIGINAL LICENSED EMPTY WEIGHT	1845.3	38.0	70202
ADD OPTIONAL EQUIPMENT WEIGHT	12.2	15.1	184
REVISED LICENSED EMPTY WEIGHT	1857.5	37.9	70386
GROSS WT LICENSED EMPT (3350.0 LBS) (1857.5		USEFUL LO 1492.5	DAD LBS 158 -
INSTALLED REMOXED		eight bs.)	Moment (lb.ins.)
300 Navcom 360CH W/VOR/LOC 2nd	1	2.2	184

PERSEDE Bate 4-23-74 Signature 1111

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

CAD Weight & Balance and Installed Equipment Data

CONTROL NUMBER	DATE	MODEL	REGISTRATION NUMBER	CESSNA SERIAL NUMBER
305271	04/17/73	185	N3946Q	18502213

ITEM	WEIGHT	ARM	MOMENT
STANDARD AIRPLANE (EMPTY, DRY, UNPAINTED) COMPUTED	1594.0	36.0	57384
INCLUDES EQUIPMENT ITEMS REQUIRED FOR FAA CERTIFICATION			
UNUSABLE FUEL 6.0 GALLONS	36.0	46.0	1656
ALLOVER EXT 355A TIGER YELLOW/VES WHITE	11.1	95.2	1057
INT AP CLOVE BROWN PERFORATED VINYL/BROWN NEG			
300 NAVCOM 360CH W/VOR/LOC 1ST RT328A	15.2	33.4	508
300 ADF WO/BFO - DIGITAL TUNING 2ND R546	8.5	20.0	170
300 TRANSPONDER-LOW ALTITUDE KT78	4.8	40.4	194
GYRDS NEW INCLUDES VACUUM SYSTEM	12.3	6.0	74
INDICATOR ECONOMY MIXTURE	1.0	6.0	6
INDICATOR TURN AND BANK EXCH	.7	13.7	10
RECORDER FLIGHT HOUR	•8	11.6	9
CARGO PACK	37.0	60.5	2239
CONTROLS DUAL INCL DISENGAGING RH RUDDER PEDALS	5.5	14.0	77
CONTROL WHEEL ALL PURPOSE EXCH NEG			
DETECTORS NAVIGATION LIGHTS NEG	- •		
FILTER OIL FULL FLOW	4.5	4.0-	18-
FLOATPLANE KIT INCL CPECR CABLES	38.3	62.4	2390
FUEL SYSTEM EXTENDED RANGE EXCH	7.0	46.5	326
GROUND SERVICE PLUG RECEPTACLE	2.6	111.0	289
GROUP PRIMARY	4.5	24.7	111
HEATED PITOT EXCH	•5	26.5	13
LIGHTS COURTESY SET OF TWO	•5	61.9	31
LOCATOR BEACON	2.4	119.0	286
MICROPHONE BOOM	•8	27.0	22
BIL COOLER LARGE NON-CONGEALING EXCH	2.3	31.5-	72-
PRIMING SYSTEM ENGINE	1.0	10.0	10
SEATING ARRANGEMENT D	6.0	69.0	414
SEAT FRONT LH STD NEGI	- •		
SEAT FRONT RH ARTICULATING VERT ADJ EXCH	21.0	41.5	872
SEATS 2 INDV CNTR & ONE 2-PLACE REAR FOLD-AWAY DSN	24.0	77.8	1867
STABILIZER ABRASION BOOTS	1.5	206.0	309
STATIC DISCHARGERS SET OF SEVEN NEG	. •		
STATIC SOURCE ALTERNATE	•3	13.7	4
TIRES MAIN GEAR 600X6 NEGI	- •		
WINDOWS ALL TINTED EXCH NEG			
VALVE CIL QUICK DRAIN NEGI	- •		
WINTERIZATION KIT ENGINE	1.2	30.2-	36-
LICENSED EMPTY WEIGHT	1845.3	38.0	7 0202
GROSS WEIGHT 3350.0 LICENSED WEIGHT 1845.3 USEFUL LOAD	0 1504.7		

GENERAL AERONAUTICS P. O. BOX 16217 SAN ANTONIO. TEXAS 78246 TELEPHONE AREA 512 824-2313 INTERNATIONAL AIRPORT

DATE April 23, 1974	REVISED	N3946Q
MODEL Cessna A185F	WEIGHT & BALANCE	S/N_18502213

W	EIGHT COMPUTATION		
ITEM	WEIGHT	ARM	MOMENT
Licensed Empty Weight	1857.5	37.9	70386.00
WEIGHT REMOVED			
Cessna 300 Nav Com	- 15.2	+ 33.4	- 508.00
WEIGHT ADDED			
King KX - 175B Nav com	8.0	12.0	96.00
King KNI-520 Indicator	3.2	16.8	54.00
King KN-73 Glideslope	2.0	115.0	230.00
King KN-74 R-Nav	4.2	12.0	50.00
King KR-21 Marker	1.0	17.0	17.00
King KN-65 DME	9.5	112.0	106.00
Gyro Horizon & Directional	(Co-pilot) 6.1	12.5	76.00
Audio Control Panel	1.5	14.0	21.00
Custom Instrument Panel	<u>Negl.</u>		
	1877.8		70528.00
Licensed Empty Weight	1877.5		
C.G.	37.5		

1472.2 <u>465</u> <u>765</u>

GEN-AERO, INC. CRS 3844

Useful Load

Mich & Sumficiel

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Mike J. Swafford

bw



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AUTOPILOTS CENTRAL, INC.

WEIGHT AND BALANCE DATA

AIRCRAFT MFG. Cessna MODEL A 185 F S/N 18502213 N 3946 Q

OWNER: _____ Graham, John W.

EQUIPMENT REMOVED	WEIGHT	ARM	MOMENT
None			
RADIO RACK MATERIAL			
WIRING			
TOTAL			
EQUIPMENT ADDED			
Century I Autopilot	+5.2	<u> </u>	200.4
	+5.2	62.0	322.4
	SUPE	KLEUEU	
	SEE 337 DATED	6-18-80 ARS	
	Marie and	NTERED IN AIRCHAFT LOS	D
RADIO RACK MATERIAL			
WIRING A/C WEIGHT	1877.8	37.56	70528.0
TOTAL	1883	37.62	70850.4
NEW EMPYT WEIGHT A/C1883	E.C.G <u>37.62</u>	W.O. 499	6
		DATE <u>12-</u>	5-76
NEW USEFUL LOAD 1467		APPROVED	Figure

.



WEIGHT AND BALANCE SHEET

ROBERTSON AIRCRAFT CORPORATION Renton Municipal Airport, 839 West Perimeter Road, Renton, Washington 98055, (206) 228-5000, Cable RSTOL

Aircraft Mfg. Cessna Model A185F N 3946Q Serial # 18502213

Empty C.G. Computation.

Item	Weight	Arm	Moment	
Aircraft Empty	1883.0	37.62	70850.4	
Weight Increase	13.0	60.00	780.0	
TOTALS	1896.0		71630.4	

Total Moment 71630.4 37.77 -Empty C.G. 1896.0 Total Weight

New Empty Weight	1896.0
New Useful Load	1454
New Empty C.G.	37.77
Maximum Takeoff Weight _	33 50
Maximum Landing Weight	3350

Agnature

David M. Davis

ARS 415-23

A & P No.

Form PRO 72-22 (Rev. 1-10-74)

"THE EXTRA MARGIN OF SAFETY"

avionics at the Palo Alto Airport 1901 Embarcadero Rd. • Suite 115 Palo Alto, California 94303 (415) 493-3526 CERTIFIED REPAIR STATION #402-62 Paul Mennen Owner 9-19-83 Date Cessna 185 18502213 Type S/N 3946Q 5226 Ν W/O FOLLOWING EQUIPMENT ADDED OR REMOVED AS SHOWN ITEMS WEIGHT ARM MOMENT 1520008 Pwr Supply 1.3 142.00 184,60 1530001 Lanp Assy 0.5 125.00 62.50 73-0185 Cable 1.2 130.00 156.00 1.11 New empty weight_ 1899.0 72033.5 Moment New empty C.G. 37.93 New useful load Superseded 8/1/86 Signature



at the Palo Alto Airport 1903 EMBARCADERO ROAD • PALO ALTO, ÇALIFORNIA 94303 • (415) 493-3526 REPAIR STATION No. 402-62

OWNER enne 185 TYPE C REG. No. X 3946 (

DATE	8-6-86	
S/N	18502213	
W/O	7221	

2-

FOLLOWING EQUIPMENT ADDED OR REMOVED AS SHOWN

Removed ITEMS	WEIGHT	· ARM	MOMENT
CESSIVA Zeo NAVEOM STSTERY	- 8.0	1213	- 48.40
(ESSNA ADF SESTERI	- 7,9	* 20,3	-160.37
KX 175B TRANSCEINER. KNI 520 INDICATOR.	- +0	12.0	- 86.00
KN 7.3 G/S Receiver	- 3, Z - 2,0	16.8	- 54.00
GYRD- VAC DRIVEN	3,1	12.5	- 230.00
Audio Contrel Pariel	-1.5	14.0	~ 2120
- Added -			
2 KY155 UHF TRANSCEIVERS	10.6	12:0	127,2
1 ITI 209 IN DICATCH	1.2	12.0	14,4
MI-I LORAN C Receiver	4,2	12.0	SUIY
1 KG1825A INDICATOR	3,9 4,3	163.0	3,/
(KASC SLAVE METER	0,3	12.0	5,6
1 RMT112 FL-X GARE CONVINS	0,3	37,5	1113
1 KoyA 2YA AUDIC PANIE	. 1. 7.	1.2-0	20,4
1 KA 33 Coching FAN ASSY 1 KA 120 ANDREAL	1.3	14.0	16,2 1,2
1 CI 121512 ANTEN not W/coupled	116	42.2	68.5
	percell	9-26	-87
	e back	of the	skeet,
NEW MOMENT 12354, 8		/ <	2929
		V EMPTY WEIGHT	131
NEW USEFUL LOAD _1454	NEW	V ЕМРТҮ С.G. <u>З <i>Е</i>.</u>	.16
Note- This document, Specsedes WIBAL DATA of 9/19/83	SIGNATURE	March J	Hyre

arm al empty-wit 1895.9 moment 38.16 72354.8 Log geen attack bit + 2.16 1898.06 23,5 50.76 724-05,56

1898.04 new empty wt. 3815 new empty CG New useful load 1451.9

Vern Re Miller ADP1938774 9-26-87SMM 85 m¹⁶³ 1-7 100

DA	VIDS	AVIA	TION	SER	VICES
-					

SUPERPLANE

Calaveras County Airport 3600 Carol Kennedy Drive SAN ANDREAS, CALIFORNIA 95249

AMENDED WEIGHT AND BALANCE SHEET

AIRCRAFT MAKE CESSNA	MODELA185F	N# <u>39460</u>
S/N	T/T	DATE 1-22-88

ITEMS	WEIGHT	ARM	MOMENT
AIRCRAFT	1898.06	38.15	
COMPONENTS ADDED OR REMOVED	WEIGHT	ARM	MOMENT
WHEEL PANTS & MOUNTING PLATES	7.0	21.2	148.4
Λ			
Det			
Juper redect			
fly 70			
10 WARDA			
MAN AND AND AND AND AND AND AND AND AND A			
· / ····			
SUB TOTAL	1905.06	38.08	72553.96

GROSS WEIGHT 3350 NEW EMPTY WT. 1905.06 NEW C/G_____38.08 NEW MOMENT 72553.96 NEW USEFUL LOAD 1444.94

THE	ABOVE	COMPO	NENTS	WERE I	NSTALLED	
					REGULATI	ONS.
PERT	INENT	INFOR	MATION	ISON	FILE AT	•
DAVI	DS AV	IATION	SERVI	CES.		

aul A Waries INSP.

LIC. NO. AP 2011632 IA

AMENDED WEIGHT AND BALANCE WITH EQUIPMENT LIST CHANGES

A/C Manufacturer	Model	Serial Number	Registration Number
CESSNA	A185F	02213	N3946Q
Registered Owner	<u> </u>	Supersedes Weig	ght & Balance Dated
PAUL MEN	NEN	1-22-8	S
		Name & Number	
		Kern B ?	milles Her 19387
Net Weight Change	Net Cha	ange C.G.	Change Date
			10-7-88
Previous Weight	Previou	s C.G.	Previous Moment
1905.06	38	5.08	72553.96
New Empty Weight	New C.(â.	New Moment
1907.56	38	.12	72717.79

R/I	MODEL	MAKE	FUNCTION	WEIGHT (Pounds)	ARM (Inches)	MOMENT (Inch-Pounds)
1		PAUL DAVIDS	FLAP GAP SEALS	2.5	65.53	163.825
1		EAGLE AVIATION	HEADER TANK FUEL DRAIN	NO	C141	INGE
1	B A 8110	BRACKED	AIR FICTER	NO	CHA	NGE
1		GAS	SEAT BELT / . SHOULDER MARNE	5 N	o. ch	ANGE
	-					

Superseded 10-3-91

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1144 COLEMAN AVENUE SAN JOSE, CA 95110 (408) 292-1270 (408) 292-0517 (408) 292-0518

FAA Repair Station No. 402-30

10-3.91

N 39460	EQUIPM & CESSNA SUZZI3	A185F	
INSIGHT STRIKE FINDER INDIATOR ANT/CABCE	-	W7. (16) 1. 2 1. 6	<u>ARM</u> Momen ¹ 14,0 16.8 44,0 44.0
MASTEN ENGINE ANALYZ INDICATOR PROCESSOR PROBES/TRAUSDUCER	2 <i>6</i> ~	/. 0 /. 0 /. 3	16.0 16.0 14.0 14.0 -30,0 -30.0
NEW FW = 1910. 26 NEW ULF 1439. 74 NEW MEM = 726 14. 76	TOTAL CHANGE:	5.2.16	+60.8 inch-16
OLD EMPTY WEIGHT: 1907.56 ll. NEW EMPTY WEIGHT: 1912.76 ll.			
OLD MOMENT: 72717.79 Inch-lb. NEW MOMENT: 72778.59 Inch-lb.			
OLD CG: 38.12" NEW CG: 38.05" GROSS WEIGHT: 3350			

NEW USEFIL LOAD: 1437.24

والمروا المروا والمراجع المتعادية والمعاد والمعام والمعاد والمعاد والمعاد والمعاد والمحاف والمحاف والمحاف

WEIGHT AND BALANCE RECORD FOR N 39460

Aircraft make CESNA.... Model A.185.F..... Serial No. 18502213 Note: Make all entries in ink, identify yourself and your certificate no.

Date	New Empty Weight	New Empty C.G.	Moment Index	Useful Load	Reason for change, Name and Number of Recorder
6 10.92	1914.76	38.13	7301/24	1435,24	antallal 6 PS
					!
					• • • • • • • • • • • • • • • • • • •

Tornado Alley Turbo, Inc. Weight and Balance Addendum

Date:10 FEB 02

AIRCRAFT: MAKE CESSNA MODEL 185F N 3946Q S/N 18502213

SUPERSEDES PREVIOUS WEIGHT & BALANCE DATED: 06/10/92

ORIGINAL	ORIGINAL	ORIGINAL
EMPTY WEIGHT	ARM	MOMENT
1914.76	38.13	73,011.24

WEIGHT CHANGE ADDED (+) REMOVED				
ITEMS ADDED / REMOVED	WEIGHT (LBS.)	ARM (INCHES)	MOMENT	
CYCLONE TURBO SYSTEM INSTALL	67.00	-15.90	-1,065.30	
KOSOLA ENGINE MOUNT UPGRADE	5.10	-6.70	-34.17	
HARTZELL PROP PHC-C3YF-1RF/F7691	72.00	-29.50	-2,124.00	
REMOVED 2 BLADE PROP	-60.00	-29.50	1,770.00	
REMOVE IO-520-D ENGINE	-473.00	-16.00	7,568.00	
ADDED 10-550-D ENGINE	463.20	-16	-7,411.20	
ADDED JPI TIT AND RPM MONITORS	2.00	12.2	24.40	

NEW	NEW CENTER	NEW
EMPTY WEIGHT	OF GRAVITY	MOMENT
<u>1991.06</u>	<u>36.03</u>	<u>71,738.97</u>
NEW USEFUL LOAD <u>1358.94</u>	GROSS WEIGHT <u>3350.00</u>	

MECHANIC <u>A Canditat</u> CERTIFICATE NO. <u>Aspaces/5/2</u>





EQUIPMENT CHANGE - WEIGHT & BALANCE				
REG. NO. N3946Q	MODEL A185F		Serial No. 18502213	
	Weight	Arm	Moments	
Items: (Description / P/N / S/N)	Pounds	Inches	Inch/Pounds	5
Previous Aircraft Empty Weight:	1991.06	36.03		71738.97
Install Snider Speed Kit stab cuff	0.5	207		103.5
Install Snider Speed Kit Landing gear fairings	6.1	22		134.2
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CARLER AND				(
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Totals	1997.66			71976.67
 B. Old Empty CG C. Old Empty Weight CG Moment D. Max Gross Weight E. Old Useful Load 		71738.97	Inches Inch/Pounds Pounds Pounds	
	t geter der eine	ner bei 2 Sener Gester, 13 an 12 - Statelleri Statelleri aus eine		and a standard and a standard
A. New Empty Weight	n an analysis an	1997.66	Pounds	A MARINE STREET
B. New Empty CG			Inches	
C. New Empty Weight CG Moment	- 1. 14 - 1. 14		Inch/Pounds	
D. Max Gross Weight	ng Halan ang ang ang ang ang ang ang ang ang a	3350	Pounds	
E. New Useful Load	· · ·	1352.34	Pounds	
This new weight & balance information supersead	ds all previo	ous weight	and balance data.	
For aircraft loading, see instructions in Weight &	Balance Se	ction of Air	rcraft Flight Manual.	
211-11	·		and the second secon	
They Ulat	-			
Greg Nielson A&P 603017766	Data	7/0/00		
Notes:	Date:	7/9/03		