

#16
8.40

USED FROM SALVAGE-David A. C. Orr OCTOBER 1983

Explanation of Codes:

(When in brackets, not listed in Rutan parts list)

AS = Aircraft Spruce;

KB = Ken Brock;

NL = not listed;

TR = Task Research Inc.

\$20.00T = total. (i.e. (2) things at \$10 will be written "\$20.00T".

SF = Sports Flight

GW = Great

Western Tool Works

DESCRIPTION

COSTS

Prefab Parts:

(2) Seat Belt/Shoulder

Harness assy.

(2) Seat Belt only

AS: \$80.50T*

KB: \$70.00T

GW: Seat Belt

Swivel Assy \$27.60

161

CHAPTER 9: MAIN GEAR/LANDING BRAKE

DESCRIPTION

COSTS

Prefab Parts:

1 set of Cleveland 500 x 5

wheels/brakes

KB: \$324.50T

(2) Goodyear tires, 3.40 x 5,

6 ply industrial rib and tube AS: \$45.26T

(2) Goodyear tires, 5.00 x 5,

uses

6 ply flight specials

AS: \$120.74

see CP 26/5, 29/6 31/10 for tires \$60.00?

(2) Axles for Cleveland 500 x 5

wheels

KB: \$58.90T (AX5A)

11.400 x 5 tire

HS: \$31.50 w/tube

(lighter 6 ply

5" wheels.)

Lamb tires/tubes:

HS \$63.00T

(Aircraft Spruce also lists main gear axles/nuts

and spacers for

AS: \$62.00T)*

(Aircraft Spruce lists Wheels/brakes/tires for:

AS: 435.00T)*

see CP 24/7, 27/8, 29/5 on wheels/brakes

(Brock also sells Backup Rings-A484

\$14.00-?)*

(Brock also sells Castle Nuts-J1.25 KB \$7.50-?)*

((1) LEZ-LL Landing Light Assembly

KB: \$34.00)

(2) 90° Nyloseal(?) #269P AS: \$1.96T

Brass Fitting

(2) AN100-3 Thimbles

AS: \$.22T

MISC:

12' of 3/16" x .024 wall

Nylaflo tubing

AS: \$2.40

320

34

2.62

CHAPTER 13: NOSE & NOSE GEAR

DESCRIPTION

COSTS

((1) Standard nosewheel and 2.80 x

2.50 x 4 tire & tube

AS: \$45.35)

(2) LE 2026 Rudder pedals

KB: \$90.00T

GW: \$72.00

90

658

CHAPTER 15: FIREWALL AND ACCESSORIES

DESCRIPTION	COSTS
((2) T-18 Master Cylinder	KB: \$107.00T)
((2) 227-6 Reservoir	KB: \$14.90T)
(2) gerdes Mdl 049 master cylinder	AS: \$97.00T (now cleveland mod.10-35)
(2) Nyloseal(?)#269-P elbows	AS: \$1.96T (polyflow)

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CHAPTER 16: CONTROL SYSTEM

DESCRIPTION	COSTS
(3) MS20271-BIO Universals	AS: \$75.24T
(10) HM-3 HEIM rodends	AS: \$66.20T
(2) HM-4 HEIM rodends	AS: \$11.40T
14 ft of 3/16 x .025 Nylaflo tubing	AS: \$2.80

?

CHAPTER 17: ROLL/PITCH TRIM SYSTEM

DESCRIPTION	COSTS
Prefab Parts:	
<u>CHAPTER 19: WINGS, AILERONS/WING ATTACH</u>	

DESCRIPTION	COSTS
SEE CP 28/9 on Wing Tip Lights	
Nylaflo tubing	

150

CHAPTER 21: STRAKES - FUEL/BAGGAGE

DESCRIPTION	COSTS
Prefab Parts:	
((2) FT 18 fuel cap assembly	KB: \$29.80T HS: \$64T
((2) FT 18-5 O-rings	KB: \$1.70T)
((1) AN8226D fuel fitting	KB: \$2.30)
((1) AN910-2D Coupling	KB: \$3.00)
((1) AN911-2D Nipple	KB: \$1.50)
((1) EFP (Optional) Electric Fuel Pump 12v	KB: \$34.95) AC Fuel pump HS\$79 & HS\$35
((2) VE18 Drain valve	KB: 9.20T) HS\$6.00, HS\$9.50, and HS\$11.50.
((1) VE108 Fuel Valve	KB: 24.85) 104HD: HS\$15.50 108HD: HS\$16.50

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CHAPTER 22: ELECTRICAL SYSTEM

DESCRIPTION	COSTS	Aire-Sciences
radios		
Note! Due to the various options, this bill of materials HS:\$1505		Navcom RT553A
does not include electrical items. Order to suit.		Navcom RT563A

150

1879

HS:\$2047

(Aircraft Spruce Lists VFR Instruments)*

SEE CP 30/11 & 26/11 on alternators, 34/8 on batteries,
34/9 on Compucruise, 28/9 Turn Coordinators, 28/9 on wing-
tip lights.

Prefab Parts:

((1) LE2-LL Landing Light Assembly KB: \$34.00)

Micrologic ML5000A: HS:\$1395 ML5000A w/antenna HS:\$1495

Telex Headsets: D-950: HS\$112 E-951: HS\$129 DBM-1010: HS\$126

Microphones: 66T: HS\$48 100TRA: HS\$48

David Clark Co. Headsets: H10-30: HS\$135 H10-40: HS\$169

Push-to-talk buttons: C10-15: HS\$35

ELT: HS\$210

Transponders:

RT-887 HS:\$837

RT-787 HS:\$767

Com:720 channel

RT-551A: HS\$1085

B & D Instruments

Astronautics

EDO Corp

United Instruments

Hamilton

Airpathsee HS catalogue for 1.5" and 2.25" instruments

Compuflight Basic Computer HS\$249.95 Remote Computer HS\$279.95

Floscan Transducer: HS\$42

Prestolitewire see HS catalogue

Woodcircuit breakers HS\$13.50ea.

B & Cfor different alternators see HS catalogue

D.HoffmanCockpit light: HS\$12.50ea

CHAPTER 23: ENGINE INSTALLATION

DESCRIPTION

COSTS

SEE CP 34/9 on air filters, 33/6, 31/7 & 28/9 on B & T Props,
34/8 & 28/8 on cowls, 26/2 on Engine choice, 31/5 on engine
mounts, 31/8 on Exhaust, 25/2 on Fuel pump, 32/4 on magnetos,
31/5 on Oil orifice, 24/4, 25/2, 26/6, 33/6 on Props, 30/5 on
prop extensions, 29/8 on Rolls Royce 0-240 engine, 32/4 on
Slick mags, 32/5 on Spinners

3000 ?

Prefab Parts:

Slick mags:

Continental: HS:\$181T

Lycoming: HS\$172.75T

Neoprene Gasket

181

material

HS: 6.50 per foot.

((1) LYC-0235 Engine mount (Conical) KB: \$150.00)

((1) LYC-0235D Engine mount (Dynafoal)KB: \$275.00)

((1) VECG Complete Control Group

(Mixture, Throttle, Carb Heat) KB: \$79.50)

Ellison Throttle body
injector: HS\$1000-1300

((1) VETC Single Throttle etc control KB: \$31.75)

7
111

Note!: Due to variations with different engine models,

the hardware and components are not listed. Consult

Chapter 23 and Section II. Determine your specific needs,

then order.

3292
658
1879 5820

CHAPTER 6

- (2) Seat Belt/Shoulder Harness assy.

CHAPTER 9: MAIN GEAR/LANDING BRAKE

Prefab Parts:

- 1 set of Cleveland 500 x 5 wheels/brakes
 - (2) Goodyear tires, 3.40 x 5, 6 ply industrial rib and tube, or 11.400 x 5 tire, or
 - (2) Goodyear tires, 5.00 x 5, 6 ply flight specials
 - (2) Axles for Cleveland 500 x 5 wheels
 - Backup Rings-A484
 - Castle Nuts-J1.25
 - (2) 90° Nyloseal(?) #269P Brass Fitting
 - (2) AN100-3 Thimbles
- MISC:
- 12' of 3/16" x .024 wall Nylaflo tubing

CHAPTER 13: NOSE & NOSE GEAR

- ((1) Standard nosewheel and 2.80 x 2.50 x 4 tire & tube

CHAPTER 15: FIREWALL AND ACCESSORIES

- (2) T-18 Master Cylinder
- (2) 227-6 Reservoir
- (2) gerdes Md1 049 master cylinder
- (2) Nyloseal(?)#269-P elbows

CHAPTER 16: CONTROL SYSTEM

- (3) MS20271-BIO Universals
- (10) HM-3 HEIM rodends
- (2) HM-4 HEIM rodends
- 14 ft of 3/16 x .025 Nylaflo tubing

CHAPTER 19: WINGS, AILERONS/WING ATTACH

Wing Tip Lights

CHAPTER 21: STRAKES - FUEL/BAGGAGE

- (2) FT 18 fuel cap assembly and (2) FT 18-5 O-rings ((1) AN8226D fuel fitting
- ((1) AN910-2D Coupling
- ((1) AN911-2D Nipple
- ((1) EFP (Optional) Electric Fuel Pump 12v
- ((2) VE18 Drain valve
- ((1) VE108 Fuel Valve

CHAPTER 22: ELECTRICAL SYSTEM

radios

i.e.: Navcom RT553A or Navcom RT563A HS:\$2047

Transponder,

Alternators,

Battery,

Turn Coordinators,

Com:720 channel RT-551A or Micrologic ML5000A w/antenna

Telex Headsets: D-950: HS\$112 E-951: HS\$129 DBM-1010: HS\$126

Telex Microphones: 66T or 100TRA

David Clark Co. Headsets: H10-30 H10-40

Push-to-talk buttons: C10-15

ELT

B & D Instruments;

Astronautics;

EDO Corp;

United Instruments;

Hamilton;

Airpath;

Compufight Basic Computer or Remote Computer

Floscan Transducer

Wood circuit breakers

D.Hoffman Cockpit light

CHAPTER 23: ENGINE INSTALLATION

Slick mags:

((1) LYC-0235D Engine mount (Dynafoal)

((1) VECG Complete Control Group

Ellison Throttle body injector

or (1) VETC Single Throttle etc control

Basic engine of choice:

Lycoming 0-235 J2B

Lycoming 0-235 L2C

Lycoming 0-290 D2

Some want to use a Lycoming 0-320D (160hp)

With Engine driven fuel pump, Slick mags (Bendix too large) and place for oil cooler to attach, prop usually wrong type.