

estimated **OPERATING COST**and **TAX SAVINGS** analysis



Standard Beechcraft Duke A60

Powered with Two Six-Cylinder Lycoming TIO-541-E1C4 Turbocharged Engines Rated at 380 Horsepower. Equipped with Avionics. Pressurized.

Suggested Selling Price \$179,500.00

OPTIONAL EQUIPMENT ITEMS OFFERED FOR FACTORY INSTALLATION

	Installed Weight	Suggested Selling Price
Deluxe Instrument Panel Includes: Second Airspeed Indicator	15 lbs.	\$2,100.00
Second Altimeter		
Second Rate of Climb Indicator		
Second Turn and Bank Indicator		
Second Gyro Horizon Second Directional Gyro		
Second Heated Pitot with Second Static System		
Instantaneous Vertical Speed Indicator	Negl.	+605.00
(exchange) Tachometer with Synchroscope (exchange)	Negl.	+260.00
Airspeed Indicator - Knots only (each)	Nogii	1 200.00
(exchange)	Negl.	+60.00
Flight Hour Recorder	1 lb.	135.00
Engine Hour Recorder	1 lb.	135.00
Clock - Pilot's Control Wheel, Chronometer (exchange)	Negl.	+145.00
Map Light - Copilot's Control Wheel	Negl.	92.00
Cabin Altitude Programmer	2 lbs.	750.00
Copilot Brakes	6 lbs.	336.00
Electric Elevator Trim Tab with Control	4 16-0	505.00
Wheel Switch	4 lbs.	595.00
Wing Ice Light	1 lb.	158.00
Cabin Air Inlet Anti-Icing Boot	Negl.	148.00
Automatic Lightweight De-Icing Boots (includes Cabin Air Inlet Anti-Icing Boot)	36 lbs.	6,330.00
*Windshield, Anti-Icing - Electric	26 lbs.	4,205.00
Left Side Only Right Side and Left Side	54 lbs.	8,240.00
*Propeller Anti-Icing, Electric	9 lbs.	2,420.00
Propeller Unfeathering Accumulators	14 lbs.	415.00
Propeller Synchronizer	7 lbs.	1,785.00
Extended Range Wing Fuel Tanks	33 lbs.	+2,300.00
125 Amp Generators (exchange for 60 Amp		
Alternators)	-36 lbs.	+2,510.00
Headrests (each)	1 lb.	50.00
Club Seating Arrangement which includes Aft Facing 3rd and 4th Seats with Headrests, Forward Facing 5th and 6th Seats and Forward Cabin Curtain (exchange standard 3rd and 4th		
chair arrangement)	+46 lbs.	+2,410.00
Fifth Seat - Includes Air Outlet and Reading Light (forward seating arrangement)	20 lbs.	1,150.00
Fifth and Sixth Seats - includes Air Outlets and Reading Lights (forward seating arrangement)	42 lbs.	1,795.00
Executive Writing Desk (mounted on right sidewall, used with Club Seating Arrangement Only)	9 lbs.	385.00

		stalled eight	
Forward Refreshment Cabinet		3	
(left hand only) - Used with Club Seating Arrangement Only			
a. With General Storage (three drawers)b. With One-Quart Thermos Bottle, Ice	18	lbs.	520.00
Chest and General Storage (four drawer)	24	lbs.	560.00
 c. With ½ Gallon Electric Coffee Unit, Water Dispenser, Ice Chest and 	0.1	ness	070.00
General Storage (two drawer)	31	lbs.	870.00
Forward Cabin Curtain (included in Club Seating Arrangement)	3	lbs.	285.00
Forward Cabin Partition (exchange for Forward Cabin Curtain in Club Seating Arrangement)	+8	lbs.	+148.00
Oxygen Installation (6 outlets, lightweight bottles)			
11 Cu. Ft. Bottle		lbs.	1,250.00
22 Cu. Ft. Bottle		lbs.	,
49 Cu. Ft. Bottle	34	lbs.	1,415.00
*Air Conditioner (refrigeration type)	66	lbs.	5,050.00
Urethane Paint (in standard Beech colors) (exchange for standard enamel paint)	N	legl.	+440.00
Cabin Fire Extinguisher - Freon	8	lbs.	102.00
Pilot's Relief Tube	1	lb.	155.00
Strobe Lights - 3-Light System (wing tips and tail)	14	lbs.	1,685.00
Aft Lavatory (emergency dry toilet) Mounted in 6th Seat, with Privacy Curtain	7	lbs.	595.00

Duke A60 Avionics

STANDARD AVIONICS PACKAGE

RCA

Installed Weight
Included in
Empty Weight of Airplane

RCA AVC-110A Main VHF Transceiver with Integral Control and B3 Com Antenna

RCA AVN-210 Manual Omni No. 1 with VOR/ILS Converter-Indicator, B12 Nav Antenna, B16 Marker Antenna and A-326A GS Antenna

King KA-25 Amplifier

Marker Beacon incorporated in AVN-210 Glideslope incorporated in AVN-210

Beech Metal Radio Panel

Static Wicks

Single Audio Switch Panel

Mic Key Button in Pilot's Control Wheel

White Lighting

Microphone, Headset and Cockpit

Speaker

Avionics Master Switch

^{*}Requires 125 Amp Generators

Suggested Selling Price

King

\$+2,635.00 +43 lbs.

King KX-175 Main VHF Nav/Com with KN-77 VOR/LOC Converter, KNI-520 Indicator, B3 Com Antenna and

B12 Nav Antenna
King KX-175 Standby VHF Nav/Com
with KN-77 VOR/LOC Converter,
KNI-520 Indicator and A15 Antenna
King KMA-20 Audio Amplifier

King Marker Beacon incorporated in KMA-20, Single Set KA-40 Marker Lights and B16 Antenna

King KR-85 ADF with KI-225 Indicator and Polyethylene Sense Antenna

King KN-73 Glideslope Receiver with A-326A Antenna

Beech Metal Radio Panel Static Wicks

Mic Key Button in Pilot's Control Wheel

White Lighting Single Audio Switch Panel

Dual Microphones and Headsets, Single Cockpit Speaker

Avionics Master Switch

King

+93 lbs. \$+16,890.00

King KTR-900A Main Transceiver with Dual Gables Controls and **B3** Com Antenna

King KTR-900A Standby Transceiver with Gables Control and A15 Antenna King KNR-600A Manual Omni No. 1

with KNI-520 Indicator and Gables Control with B12 Nav Antenna

King KNR-600A Manual Omni No. 2 with KNI-520 Indicator and Gables Control

King KAA-445 Isolation-Speaker Amplifier and Single Audio Switch Panel

King KGM-691 Glideslope and Marker Beacon Receiver with B16 and A-326A

Antennas, Single Marker Lights King KDF-800 ADF with KNI-580 Indicator, Voice Range Filter and Polyethylene Sense Antenna

Beech Custom Edgelighted Radio Panel Static Wicks Mic Key Button in Pilot's Control Wheel

White Lighting

Dual Microphones and Headsets, Single Cockpit Speaker

Avionics Master Switch

RCA

+26 lbs. \$+10,960.00

RCA AVC-111A Main VHF Transceiver with Integral Dual Controls and B3 Com Antenna

RCA AVC-110A Standby Transceiver with Integral Single Control and A15 Com Antenna

RCA AVN-210 Manual Omni No. 1 with VOR/ILS Converter-Indicator, B12 Nav Antenna, B16 Marker Antenna, and A-326A GS Antenna

RCA AVN-211 Manual Omni No. 2 with VOR/LOC Converter-Indicator

Installed Weight

Suggested Selling Price

-85.00

+3,526.00

Marker Beacon incorporated in AVN-210 Glideslope incorporated in AVN-210 King KR-85 ADF with KI-225 Indicator, Voice Range Filter and Polyethylene Sense Antenna Beech Metal Radio Panel Static Wicks Single Audio Switch Panel Mic Key Button in Pilot's Control Wheel White Lighting Speaker Amplifier Isolation Amplifier Dual Microphones and Headsets, Single Cockpit Speaker Avionics Master Switch

OPTIONS TO THE STANDARD AND OPTIONAL AVIONICS PACKAGES

ADF

ARC 846 ADF, Voice Range Filter, IN-846D Goniometer Indicator and Polyethylene Sense Antenna (exchange KR-85 ADF, Voice Range Filter and KI-225 Indicator) TBA TBA ARC 846 ADF, Voice Range Filter, IN-846D Goniometer Indicator and

Polyethylene Sense Antenna (exchange KDF-800 ADF, Voice Range Filter and KNI-580 Indicator)

TBA TBA Bendix T-12D ADF, Voice Range Filter and 551RL Indicator (exchange KR-85 ADF, Voice Range Filter and KI-225 Indicator)

+4 lbs. *Collins DF-206 ADF, Voice Range Filter and ARC IN-12-1 Indicator (exchange KDF-800 ADF, Voice Range Filter

and KNR-580 Indicator) +2 lbs. +2,815.00King KDF-800 ADF, Voice Range Filter and KNI-580 Indicator (exchange KR-85 ADF, Voice Range Filter and KI-225 Indicator)

+13 lbs.

NOTE: Voice Range Filter not applicable if KMA-20 Audio is used.

Antennas

Collins 37R-2 Com Antenna (exchange B3) +1 lb. \$+152.00Collins 37X-2 Marker Beacon Antenna (exchange B16) Negl. +76.00

Communications - Main

Collins VHF-20 Transceiver with Dual Gables Controls (exchange KTR-900A with Dual Gables Controls)

-2 lbs. \$+660.00

Communications - Standby

Collins VHF-20 Transceiver with Gables Control and A15 Antenna (exchange KTR-900A with Gables Control and A15 Antenna)

-3 lbs. \$+615.00

Instruments

*AIM 500ECF Electro Gyro Horizon on Pilot's Side (exchange for standard Gyro Horizon)

\$+900.00 Neal.

-1 lb.

*Bendix 551E ADF Indicator (used with RMI) (exchange for 551RL)

+280.00

	0			
Installed Weight	Suggested Selling Price	1	Installed Weight	Suggested Selling Price
*King KI-225-01 ADF Indicator (used with RMI) (exchange for KI-225) Negl.	+290.00	Autopilots		
*King KNI-585 Slaved ADF Indicator		Beechcraft H-14 Autopilot with Altitude Hold, Automatic Pitch Trim,		
(exchange for KNI-580 ADF Indicator) Requires Slaved		ILS/Omni Coupler and 3" Gyros	56 lbs.	\$15,945.00
Compass System +1 lb.	+352.00	H-14 Electric Pitch Trim Adapter (Includes Electric Elevator Trim)	5 lbs.	1,575.00
		Beechcraft Heading Pre-Select for	0 100.	1,070.00
Omnis - Automatic		H-14 Autopilot	Negl.	765.00
*Collins VIR-30AGM Automatic Omni		*Bendix M4C Autopilot (Includes altitude hold, automatic pitch trim,		
(no Control and Indicator) (Requires 332C-10 RMI)		ILS/Omni Coupler and 3" Gyros)	58 lbs.	16,465.0
(exchange KNR-600 and KGM-691) —5 lbs.	\$+2,183.00	Mitchell Century III Autopilot with Roll, Pitch and Heading Control, Altitude		
*King KNR-660A Automatic Omni (no Control and Indicator)		Hold, Pitch Trim, Radio and		
(exchange KNR-600A) +2 lbs.	+1,050.00	Glideslope Coupler, Mitchell Slaved Directional Gyro and 3" Gyro		
*King KNR-661 Automatic Omni (no Control and Indicator)		Horizon	23 lbs.	10,075.0
(exchange KNR-660A) TO BE		Mitchell Century III Autopilot with Roll, Pitch and Heading Control, Altitude		
USED WITH KNC-610 RNAV SYSTEM ONLY —4 lbs.	TBA	Hold, Pitch Trim, PN-101 Coupler,		
		Glideslope Coupler and Mitchell 3" Gyro Horizon. (For use with		
Omnis - Manual		PN-101 or KPI-550A Compass Systems, only)	20 lbs.	7,685.00
Collins VIR-30MGM Manual Omni		3" Gyro Horizon for H-14 Autopilot	3 lbs.	1,150.0
(no Control and Indicator)	\$1,168.00	3" Directional Gyro for H-14 Autopilot	3 lbs.	867.0
(exchange KNR-600 and KGM-691) —5 lbs. King KNR-601 Manual Omni (no Control	\$1,100.00	3" Gyro Horizon for M4C Autopilot	3 lbs.	988.0
and Indicator) (exchange for		3" Directional Gyro for M4C Autopilot	3 lbs.	795.0
KNR-600A) TO BE USED WITH KNC-610 RNAV SYSTEM ONLY —4 lbs.	-643.00	Compass Systems		
RCA AVN-210 Manual Omni with		(Credit will be allowed for standard		
Glideslope and Marker Beacon (exchange AVN-211) Negl.	+1,830.00	directional gyro and/or indicator when applicable.)		
RCA AVN-220A VOR/ILS, Marker		Collins PN-101 Electric Nav System		
Beacon with 331H-3G Indicator (exchange AVN-210) +3 lbs.	+1,177.00	with 331A-3G Indicator	21 lbs.	\$6,255.00
RCA AVN-221A VOR/LOC with 331H-3G	11,	King KPI-550A Electric Nav System *Sperry C-14-23 Compass System with	16 lbs.	4,975.0
Indicator (exchange AVN-211) +3 lbs.	+1,143.00	Servo Amplifier with 331A-3G	-	
		Indicator	7 lbs.	6,490.00
ADDITIONAL AVIONIOS FOLIEDAS	NIT	DME		
ADDITIONAL AVIONICS EQUIPME	N I	King KN-65 DME with KI-265 Indicator,		
		KA-43 Adapter and B18 Antenna, Nav 1 and Nav 2 Switching		
Second ADF Systems		(less control)	14 lbs.	\$3,825.0
ARC 846 ADF, with IN-846D Goniometer,		RCA AVQ-75 DME with MI-591085-7 Indicator, Nav 1 and Nav 2 Switching		
IN-13A-1 Dual Pointer Indicator, Voice Range Filter and		B18 Antenna (less control)	20 lbs.	6,365.0
Polyethylene Sense Antenna TBA	TBA	RCA AVQ-85 DME with MI-585017-1 Indicator, Nav 1 and Nav 2 Switching		
*Collins DF-206 ADF, ARC IN-13A-1 Dual Pointer Indicator and Voice		DME Hold and B18 Antenna	2 500	
Range Filter with external sense	2 225 22	(less control) RCA DME Hold for AVQ-75 DME	22 lbs.	8,775.0
antenna 29 lbs. Bendix T-12D ADF, 551RL Single	8,805.00	NOA DINE HOID IOI AVQ-73 DINE	Negl.	200.0
Pointer Indicator and Voice Range		High Frequency Communication	S	
Filter with external sense antenna 17 lbs. *Bendix T-12D ADF, with 551C Dual	2,465.00	Sunair ASB-100A Single Side Band		
Pointer Indicator, Voice Range		Transceiver less Lower Side Band with Control Head, Load Coil and		
Filter and 120VA Inverter with external sense antenna 22 lbs.	3,990.00	Fixed Antenna	31 lbs.	\$5,235.0
King KDF-800 ADF, ARC IN-13A-1 with	0,330.00	Lower Side Band for ASB-100A Sunair SA-14R HF Transceiver with	Negl.	153.0
551C Dual Pointer Indicator and		Control Head, Load Coil and		
Voice Range Filter with external sense antenna 27 lbs.	6,325.00	Fixed Antenna	30 lbs.	4,195.0
King KR-85 ADF, KI-225 Indicator and		Instruments		
Voice Range Filter with external sense antenna 13 lbs.	2,520.00	(Credit Allowed for Instruments Exchanged)		
NOTE: Voice Range Filter not	_,520.00	ARC IN-12-1 ADF Indicator	1 lb.	\$395.00
applicable if KMA-20 Audio used		ARC IN-13A-1 Dual ADF Indicator	2 lbs.	670.00
Audio useu		Beech 3" Directional Gyro	3 lbs.	300.00

	Installed Weight	Suggested Selling Price		Installed Weight	Suggested Selling Price
Beech 3" Gyro Horizon	3 lbs.	300.00	RNAV (Area Navigation)		
Collins 331H-3G Indicator	3 lbs.	730.00	King KNC-610 RNAV (System requires		
King KNI-580 ADF Indicator	1 lb.	375.00	KDM-700A DME less DME Hold)	4 lbs.	\$3,920.00
King KNI-520 Indicator	3 lbs.	595.00	Transponders		
nverters			King KXP-750A Transponder with	40 11	*** *** ***
120VA OECO 20051 Inverter No. 1			Gables Control and B18 Antenna	13 lbs.	\$3,630.00
with Failure Light	6 lbs.	\$785.00	King KT-76 Transponder and B18 Antenna	8 lbs.	1,570.00
120VA OECO 20051 Inverter No. 2	6 lbs.	700.00	Narco AT6-A Transponder with	0 103.	1,070.00
250VA Flitetronics PC-15B Inverter		4 400 00	B18 Antenna	11 lbs.	2,455.00
No. 1 with Failure Light	8 lbs.	1,480.00	RCA AVQ-95 Transponder with Gables		
250VA Flitetronics PC-15B Inverter No. 2	8 lbs.	1,395.00	Control and B18 Antenna	12 lbs.	4,130.00
600VA Flitetronics PC-17 Inverter No. 1 with Failure Light	15 lbs.	2,070.00	Wilcox 1014A Transponder with Gables	40.11	0.445.00
600VA Flitetronics PC-17 Inverter No. 2	The same of the sa	1.985.00	Control and B18 Antenna	12 lbs.	3,445.00
000 VA T INCHOMES TO TT INVESTED NO. 2	10 100.	1,000.00	Second Transponder System		
Radar			No. 2 King KXP-750A Transponder		
RCA AVQ-47 with 12" Antenna and			with B18 Antenna (no Control)	12 lbs.	\$3,160.00
Standard Scope	37 lbs.	\$8,840.00	No. 2 Wilcox 1014A Transponder		
*RCA AVQ-55 with 12" Antenna and			with B18 Antenna (no Control)	11 lbs.	2,975.00
Bright Scope	61 lbs.	16,595.00	Miscellaneous		
RMI Indicators			112 000 000000000		
Require Automatic Omni and Servo Amplif	ier)		AAR 2502W Monitor Indicator with Nav 1 and Nav 2 Switching	2 lbs.	\$490.00
OTE: All RMI Indicators require slaved	.,		Pilot-to-Cabin Paging with Amplifier	3 lbs.	475.00
compass systems and appropriate			ADF Audio for Cabin Speaker	0 103.	475.00
Omni's and ADF's			(To be used with Cabin Paging)	Negl.	133.00
AAR-2105 RMI (To be used with King			Dual Marker Lights	Negl.	102.00
Gold Crown Package only. Requires automatic Omni's.)	3 lbs.	\$1,190.00	Omni Range Filter		
Collins 332C-10 (To be used with	0 103.	Ψ1,100.00	(Not to be used with KMA-20)	1 lb.	178.00
Collins VIR-30A's only.)	3 lbs.	2,170.00	Dual Omni Range Filters	0.11	
King KI-226 Radio Magnetic Converter			(Not to be used with KMA-20)	2 lbs.	332.00
Indicator (To be used with		0.015.0-	Mic Key Button in Copilot's Wheel	Negl.	102.00
KX-175 package.)	2 lbs.	2,015.00	Plantronics Boom Mic with Headset in Addition to Standard Mic		
RCA AVI-200 Radio Magnetic Converter Indicator (To be used with RCA			and Headset	1 lb.	225.00
Omni's.)	2 lbs.	3,480.00	Servo Amplifiers	1 lb.	245.00

^{*}Requires AC Power



fly as you pay with . . .

BEECHCRAFT FINANCE AND LEASE PLANS

Your Beechcraft salesman will be happy to explain easy ways to acquire your new Duke A60 without using your valuable working capital. Either a Beech finance or lease plan can be tailored to fit your specific business requirements. Leasing through the Beech Acceptance Corporation gives you the advantage of a company-owned plane which remains yours for the life of the lease, three to five years. Leasing can be terminated at any time with a small closing payment . . . or converted into a purchase plan with the bulk of the lease payments applying against the purchase price. A wide choice of both leasing and finance plans is available to you through the Beech Acceptance Corporation. Just one specific advantage of all such plans is lower cost group insurance. Ask your Beechcraft salesman for details!

estimated operating cost

	400 Hrs. 98,000 Miles/Year	500 Hrs. 122,500 Miles/Year	600 Hrs. 147,000 Miles/Year	700 Hrs. 171,500 Miles/Year
direct operating costs per hour				
(1) Gasoline	\$19.11	\$19.11	\$19.11	\$19.11
(2) Oil	1.02	1.02	1.02	1.02
(3) Inspection, Maintenance and Propeller Overhaul	21.95 17.56	21.95 17.56	21.95 17.56	21.95 17.56
(4) Engine Exchange Allowance Total Direct Operating Cost Per Hour	\$59.64	\$59.64	\$59.64	\$59.64
indirect operating costs				
(5) Hangar Rental	\$ 3.75	\$ 3.00	\$ 2.50	\$ 2.14
(6) Insurance	9.01	7.21	6.01	5.15
Total Indirect Operating Cost Per Hour	\$12.76	\$10.21	\$ 8.51	\$ 7.29
total operating cost per hour	\$72.40	\$69.85	\$68.15	\$66.93
cost per mile				
(7) Operating Cost Per Mile	29.6c	28.5c	27.8c	27.3c
(8) Cost Per Seat Mile	4.9c	4.8c	4.6c	4.6c

Depreciation allowance for tax purposes should be determined after consultation with your financial adviser.

COMPUTATION OF ESTIMATED OPERATING COSTS

- (1) GASOLINE. Gasoline costs are computed at a consumption rate of 39 gph and at a fuel cost of 49c per gallon. This consumption rate is based on aircraft operation at 65% cruise power with allowance for normal ratio engine warm-up, taxiing and climb-to-altitude.
- (2) OIL. Based on factory service tests, an oil consumption rate of .3 gallons per hour is used plus an allowance for 6.5 gallons changed each 100 hours. Computations are based on an oil cost of \$2.80 per gallon.
- (3) INSPECTION, MAINTENANCE AND PROPELLER OVERHAUL covers parts and labor for all inspections and miscellaneous repairs.
- (4) ENGINE EXCHANGE ALLOWANCE provides a reserve for 1200-hour engine exchange, including labor and accessories.
- (5) HANGAR RENTAL is based on a national average cost of \$1,500 per year.
- (6) INSURANCE coverage consists of full hull and \$2 million single limit liability. Premiums are based on rates obtainable under Beech finance plans and at an aircraft evaluation of \$246,000 (\$179,500 standard airplane plus \$66,500 optional equipment*).
- (7) OPERATING COST PER MILE is based on a block speed of 245 mph.
- (8) TOTAL COST PER SEAT MILE is based on a maximum utilization of six seats.

tax savings cut costs

Ownership of a Beechcraft Duke A60 will substantially reduce your income tax expense. Much of the reduction can come in the early years, allowing you to return the taxes saved to your business.

The tax benefits of ownership directly reduce the cost of your aircraft. To illustrate how, let's assume (1) that your taxable income is subject to a 52% tax rate (Federal and State), (2) that you purchase this aircraft fully equipped for \$240,000 and (3) that you elect to depreciate the aircraft over five years on the double declining balance method.

Year	Depreciable Base	Depreciation Rate	Depreciation Expense	Tax Savings
1	\$240,000	40%	\$96,000	\$49,920
2	144,000	40%	57,600	29,952
3	86,400	40%	34,560	17,971
4	51,840	40%	20,736	10,783
5	31,104	40%	12,442	6,470
Totals			\$221,338	\$115,096

*Residual Book Value \$18,662 (Assumed to equal market for illustration purposes.)

Purchase price of Duke A60 Less: Investment tax credit (4 2/3%)	 \$240,000
	 18,662
Savings of time and costs resulting from ownership (put in your own figure) Less 52% of above	\$
After-tax savings from ownershipLess after-tax cost of aircraft	\$95,042

Savings brought about by ownership (after tax)\$

NOTE: A larger part of the savings occurs in the first years of ownership because of the tax advantage in those years. Your tax advisor may suggest other options to fit your situation which will lower your cost even more. A seven year depreciable life, for instance, allows the full 7% investment tax credit, reducing the \$95,042 to \$89,442, and he may want to switch to a straight line method after a few years for a lower residual value.

All prices and data contained herein are subject to change without notice.



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73/PLOCTS/A60/A

^{*}Average optional equipment installation.