APPENDIX 5

USER INSTRUCTION BOOK

THREE (3) PAGES FOLLOW THIS SHEET

Draft Instructions for Cox *Flight Command*™ Two Channel Transmitter
Tom Walker – April 8, 1999

COX® *Flight Command*™ Two Channel Transmitter Owner's Manual

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IMPORTANT: USER INFORMATION

Changes or modifications of any kind to your *Flight Command*™ transmitter not expressly approved by Centuri Corporation will void the user's authority to operate the *Flight Command*™ transmitter.

Transmitter frequencies can only be changed and the associated electronic circuitry tuned by *COX* Service Center. Changing frequencies by the consumer will void the warranty and is a violation of F.C.C. regulations.

Do not cut or shorten the length of the transmitter antenna. Doing so will greatly reduce the operational range of the *Flight Command*™ transmitter.

Please refer to the label on the transmitter for operation frequency. Do not attempt to fly more than one aircraft on the same frequency at any one given time. Operational interference may occur.

BATTERY INFORMATION

- The Cox *Flight Command*™ transmitter is powered by one 9-volt transistor alkaline battery.

BATTERY IS NOT INCLUDED

- Always remove the battery from the *Flight Command*™ transmitter if not to be used for a long period of time.

TRANSMITTER OPERATION

A. Make certain the transmitter "ON-OFF" switch is in the OFF position
B. Unscrew the battery door on the back of the transmitter
C. Install one new alkaline 9-volt battery.
D. Replace the battery door.

CHECK TRANSMITTER OPERATION

A. Turn the "ON-OFF" switch to the ON position. The red LED should light.
B. Fully extend the transmitter antenna.

C. Follow the steps associated with your airplane.

XB-29 AIRLIFTER™ #8203

a) Plug the Flight Pack battery in the airplane.
b) Move the *Left* control stick forward, both electric motors turn on.
c) Returning the *Left* control stick to center (neutral), turns both electric motors off.
d) With the *Left* control stick forward, moving the *Right* control stick to the right will cause the right electric motor to run at partial speed.
e) With the *Left* control stick forward, moving the *Right* control stick to the left will cause the left electric motor to run at partial speed.
f) With the *Left* control stick forward, returning the *Right* control stick to center (neutral) will cause both electric motors to operate at the same speed.
g) With the *Left* control stick at neutral, and moving the *Right* control stick to the right, will cause the *left* electric motor to start and run at partial speed.
h) With the *Left* control stick at neutral, and moving the *Right* control stick to the right, will cause the *left* electric motor to start and run at partial speed.

SKY CHARGER™ #8201

a) Turn on switch of airplane.
b) Caution: Have the airplane secured in place and keep clear of propeller, 'Pulse' the *Left* control stick forward (letting it spring back to center) turns on the electric motor.
c) 'Pulse' the *Left* control stick backward (letting it spring back to center) turns the motor off.
d) Move the *Right* control stick to the right will cause the rudder to 'pulse' to the right momentarily then return to center (neutral).
e) Move the *Right* control stick to the left will cause the rudder to 'pulse' to the left momentarily then return to center (neutral).
f) To make a constant left or right turn while flying, move the *Right* control stick left or right and back to center repeatedly until the turn is complete.

D. Always deactivate the electric power to the radio receiver before turning off transmitter.
E. Keep the antenna in the collapsed position when the transmitter is not in use.

DO A PRE-FLIGHT RADIO CONTROL RANGE CHECK

A. Take the *Flight Command*™ transmitter and aircraft out of doors. The aircraft should be in its normal flying configuration with fully charged battery packs. Set the fuselage on a non-metallic surface such as a picnic table, or have someone hold the aircraft, so that it is about three to four feet (90 – 120 cm) above the ground.
B. Have the transmitter antenna collapsed.
C. Turn the transmitter switch on, then activate the power to the receiver of the airplane.
D. Check to see that the controls are working properly.
E. Hold the transmitter chest high with the collapsed antenna pointed straight up. Begin walking backwards, counting yours steps while operating the *Right* control stick only.
F. Continue walking backwards until you have counted a minimum of 40 steps (approximately 100 feet (30 m)) away from the airplane. If the controls still function the *Flight Command*™ radio system is operating properly.

G. De-activate receiver, then turn off transmitter.

Flying Note:

Be sure the transmitter antenna is fully extended - 39 inches (99 cm) when flying. Under normal operating conditions the operating range of the *Flight Command™ transmitter and receiver* radio system will be greater than 1000 feet (335 m) when the model is flying at altitudes greater than 50 feet (15 m).

SPECIAL FEDERAL COMMUNICATIONS COMMISION NOTE

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