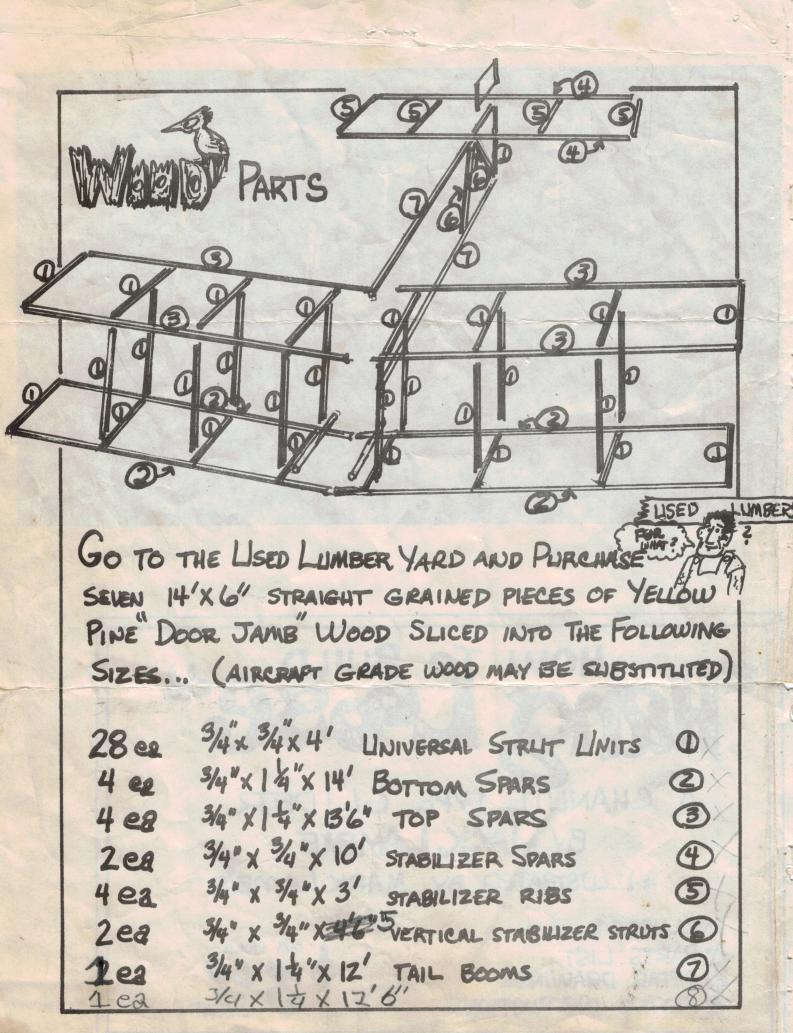


HOW TO BUILD AND SECOND

A "CHANLITE TYPE" GLIDER BY JACK, LAMBIE *ILLUSTRATED BY MARK LAMBIE

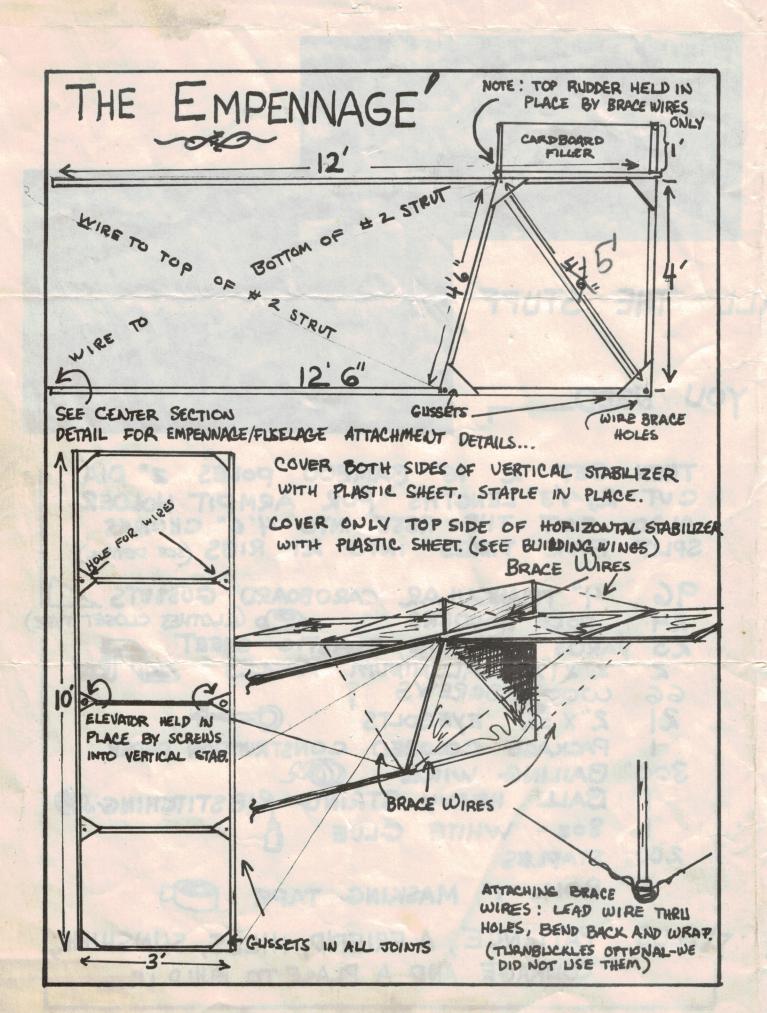
INCLUDES: 公PARTS LIST 公DETAIL DRAWINGS 会FLYING INSTRUCTIONS

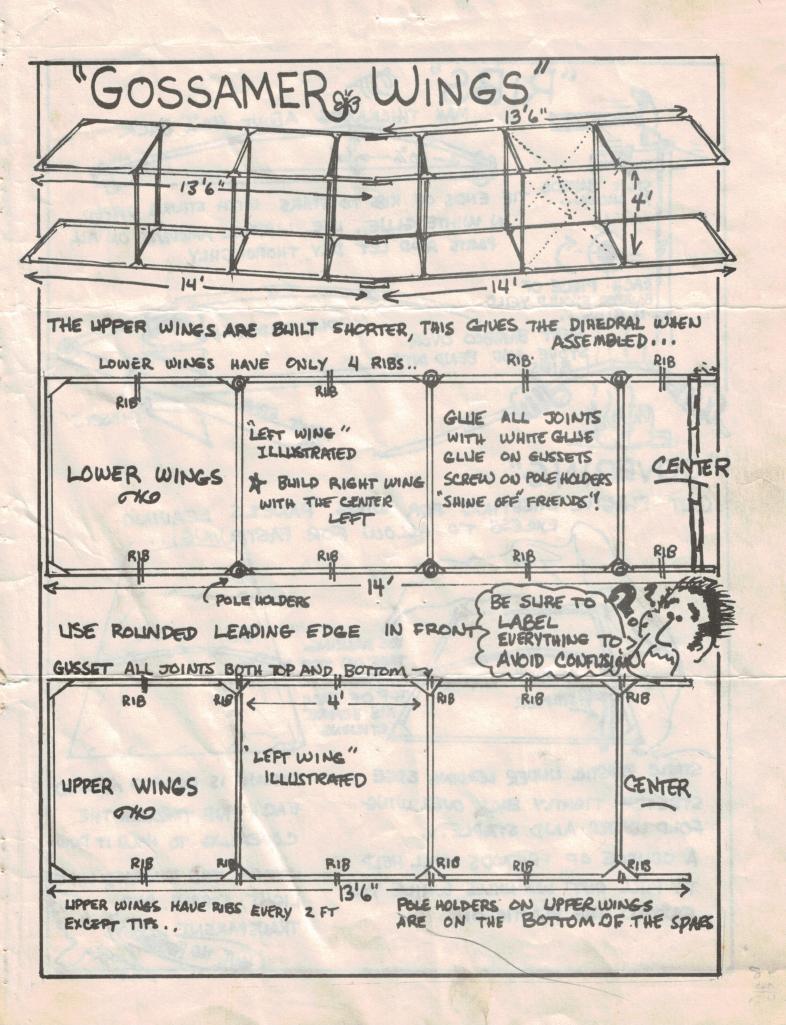


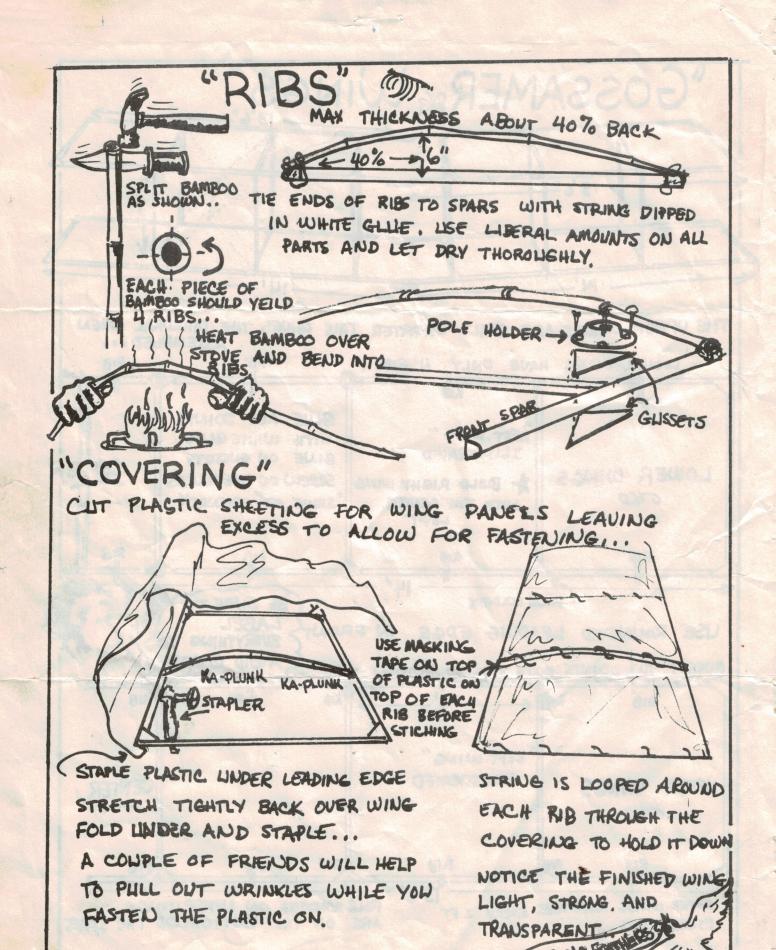


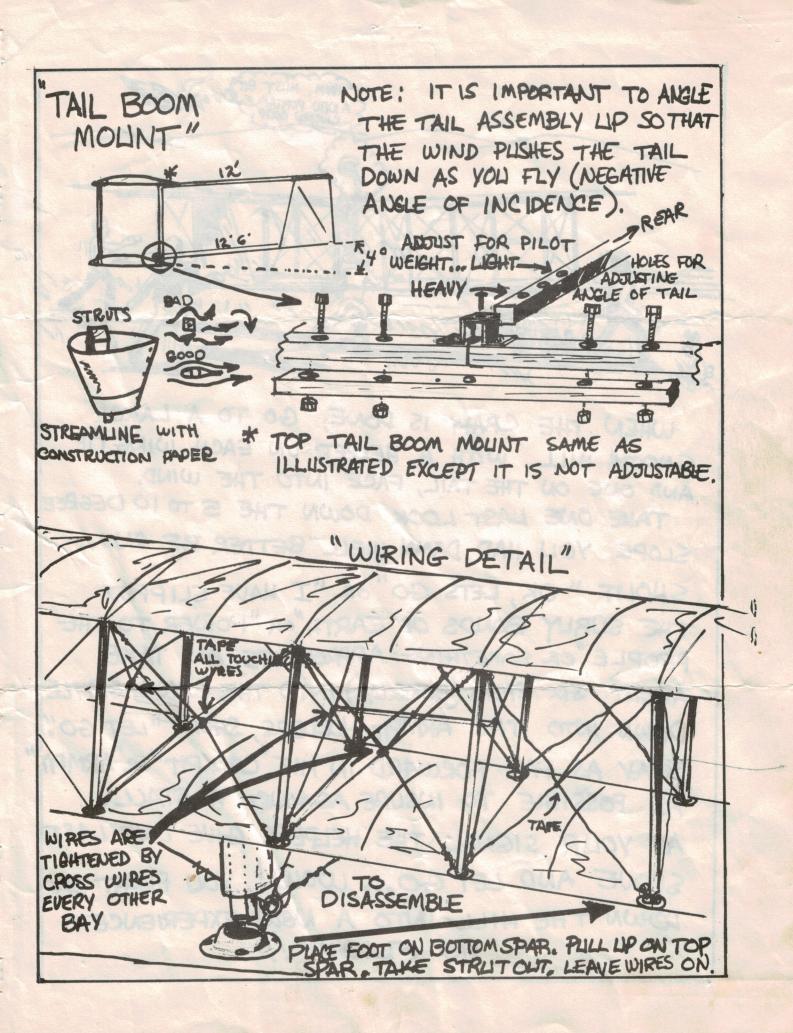
THEN GET 2 16' BAMBOO POLES 2" DIA. CUT 2,4'3" LENGTHS FOR ARMPIT HOLDER ALSO CUT THE REST INTO 4'6" CHUNKS SPLIT FOUR TIMES INTO 21 RIBS (SEE DETAIL) 96 4" TRIANGULAR CAROBOARD, GUSSETS _ 24 POLE HOLDERS (CLOTHES CLOSET TYPE) 25 YARDS 10' WIDE PLASTIC SHEET 2" X I'XI" ALUMINUM ANGLES 66 WOOD SCREWS 21 2" X 32 EYEBOLTS CONSTRUCTION PAPER O-man Br 300' BAILING WIRE BALL HEAVY STRING RIBSTITCHINGS SOZ WHITE GLUE 200 STAPLES ROLL I" MASKING TAPE PLUS PATIENCE, A FRIEND, HILLS, SUNSHINE,

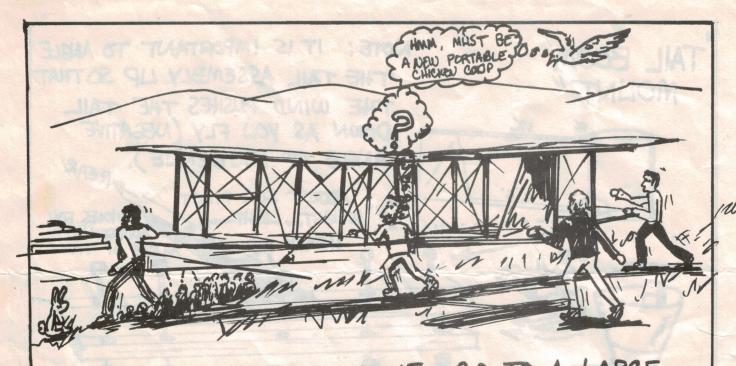
COURAGE AND A PLACE TO BUILD IT ...











WHEN THE CRAPT IS DONE, GO TO A LARGE SMOOTH HILL. WITH A HELPER ON EACH WINGTIP AND ONE ON THE TAIL, FACE INTO THE WIND. TAKE ONE LAST LOOK DOWN THE 5 TO 10 DEGREE SLOPE YOU HAD DAMN WELL BETTER BE ON ... SHOLIT "OK, LETS GO" OR "I HAVE SLIPPED THE SURLY BONDS OF EARTH OR "POWER TO THE PEOPLE "OR SOMETHING APPROPRIATE, ALL TAKE ABOUT SIX STEPS (QUICKLY) INTO THE WIND, SEITLE DOWN INTO THE ARMPIT HOLDERS, SHOUT"LET GO" STAY AS FAR FORWARD IN THE "COCKPIT" OR "ARMPIT, AS POSSIBLE TO INSURE AGAINST A STALL. AT YOUR SIGNAL THE HELPERS GIVE ONE LAST SHOVE AND LET GO ... WOW! YOU FLOAT OFF DOWN THE HILL INTO A NEW EXPERIENCE IN FLIGHT!



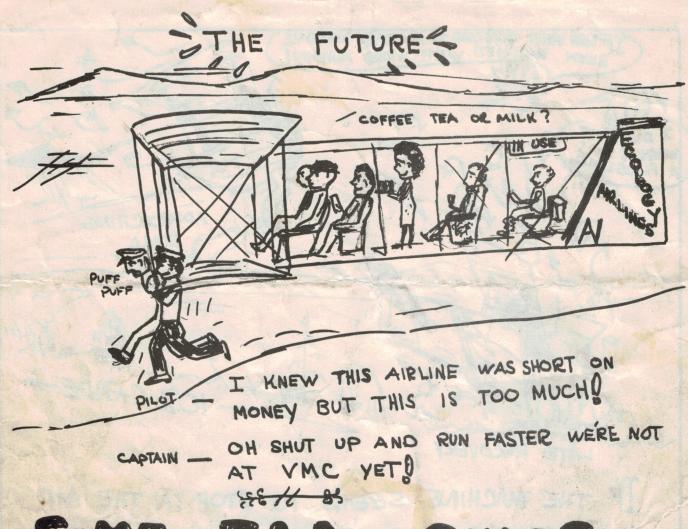
IF THE MACHINE SEEMS TO STOP IN THE AIR AFTER CLIMBING A BIT, YOU ARE STALLING.... MOVE YOUR LEGS FOWARD TO ANGLE DOWN AND PICK UP SPEED.

IN THE NORMAL 10 TO 12 MPH WIND, GROUND SPEED IS ABOUT 5 MPH OR SO. FULL STALL LANDINGS AREN'T NECESSARY, BUT, IF YOU WANT, MOVE THE LEGS BACK JUST BEFORE TOUCHDOWN AND THE GLIDER WILL FLARE UP AND STOP DEAD,

THRNING IS ATTEMPTED BY SWINGING THE LEGS
INTO THE DIRECTION DESIRED. THIS IS NOT TOO
EFFECTIVE AS CHANLITE AND LILIENTHAL DISCOVERED.

GOOD LUCK, REMEMBER, ALL HANG GLIDER PILOTS

ARE MORTAL.



SOME FAA RULES

- 1 ALL IFR FLIGHTS OVER 18,000 TESL MUST HAVE TRANSPONDERS.
- 2. FLIGHTS OVER 10,000' MUST HAVE OXYGEN AVAILABLE FOR CREW + PASSENGERS
- 3. OVERWATER FLIGHTS OF OVER ONE HOUR DURATION MUST HAVE INDIVIDUAL VESTS AND LIFE RAFTS.