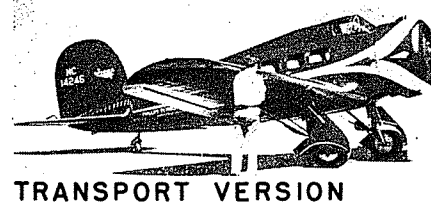


LOCKHEED "ORION"

SCALE - 1"=1'
PLAN NO. G-29



TRANSPORT VERSION

THIS FULL SIZE PLAN IS DISTRIBUTED BY
AIRCRAFT PLAN CO.,
BOX 143, FRANKLIN SQ., N. Y.

THE MARKINGS SHOWN DUPLICATE THOSE ON LAURA INGALLS' ORION, IN WHICH SHE BROKE BOTH THE TRANSCONTINENTAL RECORDS IN 1935. (NEW YORK TO BURBANK IN 18.5 HOURS & LOS ANGELES TO NEW YORK IN 13.5 HOURS).

LANDING GEAR WELL.
BOTTOM OF WING ONLY.
PAINT DULL BLACK.

IF 'TORPEDO' OR FORSTER 29'S ARE USED, FLY WITH ENGINE AT FULL POWER. THIS DESIGN IS NOT MEANT FOR SMALLER ENGINES. CAN BE STUNTED EASILY WITH 49'S OR LARGER ENGINES.

COPYRIGHT 1947, AIRCRAFT PLAN COMPANY. INFRINGEMENTS BY COPYING OR TRACING ALL OR PART OF THIS DRAWING WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE COPYRIGHT LAW. PERMISSION TO USE THIS PARTICULAR DESIGN IN A KIT OR AS A MAGAZINE OR BOOK ILLUSTRATION MUST BE OBTAINED IN WRITING FROM DESIGNER, PAUL PLEGAN.

ATWOOD "TRIUMPH" 49 OR 51 ENGINE IS RECOMMENDED FOR THIS SHIP.

SECTION THRU HEADREST

W-1 RIBS CUT FROM 1/8" SHEET. ALL OTHERS CUT FROM 1/16" 2 OF EACH SIZE REQ'D. (3 OF W-1 RIBS REQUIRED).

SOFT Balsa HEADREST

SAND FUSELAGE TOP FLAT TO ACCOMMODATE HEADREST

MAKE LEFT SIDE OF FUSELAGE DIRECTLY ON PLAN. USE 1/8 X 3/8" SOFT Balsa STRIPS FOR PLANKING. TAPER STRIPS AS REQUIRED TO GET SNUG BUTT-JOINTS.

CUT FIN AND RUDDER FROM SOFT 3/8" Balsa

NEWS PHOTO VERSION

TAIL CONE SHAPE

1" DIA. TAILWHEEL

LANDING GEAR STRUTS "SEWN" TO W4 RIBS WITH THREAD & CEMENTED SECURELY BEFORE WING IS COMPLETELY COVERED.

3/32" DIA. STEEL WIRE
1/16" SHEET Balsa
2-1/2" DIA. AIRWHEELS

CUT STABILIZER FROM SOFT 3/8" Balsa.

5/16" SHEET ELEVATORS

1/4" X 5/16" HARD Balsa

Balsa BUTCHERS - PLEASE NOTE: MUCH TIME AND EFFORT IS EXPENDED IN PRODUCING THESE PLANS. WE APPRECIATE RECEIVING PHOTOS OF FINISHED MODELS, VOTES ON WHAT SHIPS YOU WANT US TO PRINT, OR CONSTRUCTIVE CRITICISM. WE CANNOT ANSWER ALL CORRESPONDENCE, BUT SEND IN PIX AND VOTES - THEY ARE APPRECIATED.

AIRCRAFT PLAN CO.

CUT AWAY FOR ENGINE-MOUNTED FUEL TANK ONLY.

CUT AIR SLOTS PART WAY THRU. PUNCH OUT AFTER ASSEMBLY.

1/4" Balsa
1/8" PLYWOOD

BIND & SOLDER

ALL FUSELAGE FORMERS CUT FROM 1/8" Balsa, UNLESS OTHERWISE SPECIFIED.

3/8 X 3/4" ENGINE BEARERS
"VECO" BELLCRANK

C.G.

C-1

C-2

F-1A

F-1

F-2

F-3

F-4

F-5

F-6

F-7

F-8

F-9

F-10

F-11

F-12

F-13

F-14

F-15

F-16

F-17

F-18

F-19

F-20

F-21

F-22

F-23

F-24

F-25

F-26

F-27

F-28

F-29

F-30

F-31

F-32

F-33

F-34

F-35

F-36

F-37

F-38

F-39

F-40

F-41

F-42

F-43

F-44

F-45

F-46

F-47

F-48

F-49

F-50

F-51

F-52

F-53

F-54

F-55

F-56

F-57

F-58

F-59

F-60

F-61

F-62

F-63

F-64

F-65

F-66

F-67

F-68

F-69

F-70

F-71

F-72

F-73

F-74

F-75

F-76

F-77

F-78

F-79

F-80

F-81

F-82

F-83

F-84

F-85

F-86

F-87

F-88

F-89

F-90

F-91

F-92

F-93

F-94

F-95

F-96

F-97

F-98

F-99

F-100

F-101

F-102

F-103

F-104

F-105

F-106

F-107

F-108

F-109

F-110

F-111

F-112

F-113

F-114

F-115

F-116

F-117

F-118

F-119

F-120

F-121

F-122

F-123

F-124

F-125

F-126

F-127

F-128

F-129

F-130

F-131

F-132

F-133

F-134

F-135

F-136

F-137

F-138

F-139

F-140

F-141

F-142

F-143

F-144

F-145

F-146

F-147

F-148

F-149

F-150

F-151

F-152

F-153

F-154

F-155

F-156

F-157

F-158

F-159

F-160

F-161

F-162

F-163

F-164

F-165

F-166

F-167

F-168

F-169

F-170

F-171

F-172

F-173

F-174

F-175

F-176

F-177

F-178

F-179

F-180

F-181

F-182

F-183

F-184

F-185

F-186

F-187

F-188

F-189

F-190

F-191

F-192

F-193

F-194

F-195

F-196

F-197

F-198

F-199

F-200

F-201

F-202

F-203

F-204

F-205

F-206

F-207

F-208

F-209

F-210

F-211

F-212

F-213

F-214

F-215

F-216

F-217

F-218

F-219

F-220

F-221

F-222

F-223

F-224

F-225

F-226

F-227

F-228

F-229

F-230

F-231

F-232

F-233

F-234

F-235

F-236

F-237

F-238

F-239

F-240

F-241

F-242

F-243

F-244

F-245

F-246

F-247

F-248