



ASSY. NO.	NAME OF CABLE	MATERIAL	LENGTH (SEE NOTE 2)	TYPE OF FITTINGS (SEE NOTE 2)	THIMBLE NO. REQ.	FAIRLEAD PART NO. REQ.	SLEEVE PART NO. REQ.	REMARKS
40123-2	REAR RUDDER	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	182 1/16	TURNBUCKLE	AN115-16	AN100-4	2	
40123-3	AILERON (TO LOWER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	167 19/16	TURNBUCKLE	AN100-4	2		
40123-4	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	174 13/16	TURNBUCKLE	AN115-16	AN100-4	2	42911 2
40123-5	ELEVATOR (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	137 1/4	TURNBUCKLE	AN115-16	AN100-4	2	
40123-6	ELEVATOR (TO LOWER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	136 1/8	TURNBUCKLE	AN100-4	2		
40123-7	FRONT RUDDER, UP PARKING BRAKE	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	25 3/16	AN115-16	AN115-16	AN100-4	2	
40123-8	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	19 3/4	NONE	NONE	40111	2	
40123-9	RUDDER	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	200 3/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-10	ELEVATOR (TO LOWER HORN)	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	156 1/4	TURNBUCKLE	AN115-32	AN100-4	2	
40123-11	ELEVATOR (TO UPPER HORN)	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	157 3/8	TURNBUCKLE	AN115-32	AN100-4	2	
40123-12	LEFT AILERON BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	93 1/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-13	RIGHT AILERON BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	175 1/8	AN 115-16	AN115-16	AN100-4	2	
40123-14	LONG AILERON CONTROL STICK	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	161 7/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-15	SHORT AILERON CONTROL STICK	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	23 19/16	TURNBUCKLE	AN115-32	AN100-4	2	
40123-16	LOWER PARKING BRAKE	3/32 DIA. 6-7 GAL. AIRCRAFT CORD	38	NONE	NONE	NONE	-	
40123-18	L & R AIL. BALANCE, FRONT AILERON	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	98 1/2	NONE	AN115-16	AN100-4	2	
40123-19	CENTER AILERON BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	61 1/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-21	AILERON CONTROL STICK	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	90 1/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-22	ELEVATOR (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	133 3/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-23	ELEVATOR (TO LOWER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	131 3/4	TURNBUCKLE	AN100-4	2		
40123-24	UPPER PARKING BRAKE	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	31 1/16	NONE	AN115-16	AN100-4	2	
40123-25	LOWER PARKING BRAKE	3/32 DIA. 6-7 GAL. AIRCRAFT CORD	35	NONE	NONE	NONE	-	DIP BOTH ENDS OF CABLE IN SOLDER
40123-26	BRAKE PEDAL CONNECTING	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	21 3/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-27	FLOAT RUDDER	3/32 DIA. 6-7 GAL. AIRCRAFT CORD	106 5/16	TURNBUCKLE	NONE	AN100-4	2	
40123-28	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	174 3/16	TURNBUCKLE	AN100-4	2		42911 1
40123-29	RUDDER	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	29 3/4	AN115-16	AN115-16	AN100-4	2	
40123-30	RUDDER	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	209 3/16	TURNBUCKLE	AN115-16	AN100-4	2	
40123-34	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	174 9/16	TURNBUCKLE	AN100-4	2		42911 1
40123-35	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	20 9/16	NONE	NONE	40111	2	
40123-36	REAR RUDDER	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	182 1/16	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-37	FRONT RUDDER UP PARKING BRAKE	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	25 3/16	AN 115-16	AN 115-16	AN100-4	2	USED ON SEAPLANES
40123-38	AILERON CONTROL STICK	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	90 1/8	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-39	ELEVATOR (TO UPPER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	133 3/8	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-40	ELEVATOR (TO LOWER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	131 3/4	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-41	L & R AIL. BALANCE, FRONT AILERON	1/8 DIA. 19 STRAND NON FLEX. STL. AIRCRAFT CABLE	98 1/2	NONE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-42	CENTER AILERON BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. AIRCRAFT CABLE	61 1/8	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-43	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	20 9/16	NONE	NONE	40111	2	USED ON SEAPLANES
40123-44	AILERON (TO LOWER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	167 19/16	TURNBUCKLE	AN100-4	2		USED ON SEAPLANES
40123-45	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	174 3/16	TURNBUCKLE	AN100-4	2		42911 1
40123-46	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	19 3/4	NONE	NONE	40111	2	USED ON SEAPLANES
40123-47	AILERON CONTROL STICK	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	106 1/2	TURNBUCKLE	AN115-32	AN100-4	2	
40123-48	ELEVATOR (TO UPPER HORN)	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	179 19/16	TURNBUCKLE	AN115-16	AN100-4	2	
40123-49	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	103 3/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-50	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	15 1/2	NONE	NONE	40111	2	
40123-51	ELEVATOR (TO UPPER HORN)	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	140 1/2	TURNBUCKLE	NONE	AN100-4	2	
40123-52	ELEVATOR (TO LOWER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	156 1/2	TURNBUCKLE	NONE	AN100-4	2	
40123-53	AILERON LEFT BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	107	AN115-16	NONE	AN100-4	2	
40123-54	AILERON RIGHT BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	107	TURNBUCKLE	NONE	AN100-4	2	
40123-55	AILERON	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	103 1/2	NONE	AN115-16	AN100-4	2	
40123-56	AILERON CENTER BALANCE	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	44 1/4	AN115-16	AN115-16	AN100-4	2	
40123-57	TORQUETUBE HORN CONNECTOR	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	11 7/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-58	FRONT ELEVATOR	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	8 3/16	TURNBUCKLE	NONE	AN100-4	2	
40123-59	FRONT ELEVATOR	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	25	TURNBUCKLE	NONE	AN100-4	2	
40123-60	ELEVATOR	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	130	B1262-45	NONE	AN100-4	2	
40123-61	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	22 3/16	NONE	NONE	40111	2	
40123-62	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	19 9/16	NONE	NONE	40111	2	
40123-63	AILERON (TO LOWER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	130 1/2	TURNBUCKLE	B1262-47	AN100-4	2	
40123-64	AILERON BALANCE	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	141 5/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-65	FLAP	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	8 1/2	NONE	AN115-16	AN100-4	2	

ASSY. NO.	NAME OF CABLE	MATERIAL	LENGTH (SEE NOTE 2)	TYPE OF FITTINGS (SEE NOTE 2)	THIMBLE NO. REQ.	FAIRLEAD PART NO. REQ.	SLEEVE PART NO. REQ.	REMARKS
40123-66	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	20 9/16	NONE	NONE	40111	2	
40123-67	ELEVATOR	1/8 DIA. 19 STRAND NON FLEX. STL. CABLE	144 1/4	TURNBUCKLE	10866	AN100-4	2	
40123-68	ELEVATOR	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	143 3/8	TURNBUCKLE	10866	AN100-4	2	
40123-69	AILERON BALANCE	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	74	TURNBUCKLE	AN115-16	AN100-4	2	
40123-70	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	20 1/2	NONE	NONE	40111	2	
40123-71	AILERON (TO LOWER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	130 1/2	TURNBUCKLE	B1262-47	AN100-4	2	USED ON SEAPLANES
40123-72	AILERON BALANCE	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	141 5/8	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-73	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	22 3/16	NONE	NONE	40111	2	USED ON SEAPLANES
40123-74	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	14 1/16	NONE	AN115-16	40111	2	
40123-75	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	4 1/4	NONE	B1322-15	40111	2	ATTACH B1322-15 AT HOLE "E" SEE DWG. B1322
40123-76	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	173 1/16	TURNBUCKLE	AN100-4	2		42911 1
40123-77	FLAP	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	35	TURNBUCKLE	AN115-16	AN100-4	2	
40123-78	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	21 1/4	NONE	NONE	40111	2	
40123-79	BUNGEE	1/8 DIA. 7-7 GAL. AIRCRAFT CORD	15 7/8	NONE	AN115-16	40111	2	
40123-80	FLAP	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	77 1/8	TURNBUCKLE	AN115-16	AN100-4	2	
40123-81	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	20 1/2	NONE	NONE	40111	2	USED ON SEAPLANES
40123-82	ELEVATOR	1/8 DIA. 19 STRAND NON FLEX. STL. AIRCRAFT CABLE	144 1/4	TURNBUCKLE	10866	AN100-4	2	USED ON SEAPLANES
40123-83	ELEVATOR	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	143 3/8	TURNBUCKLE	10866	AN100-4	2	USED ON SEAPLANES
40123-84	AILERON BALANCE	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	74	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-85	FLAP	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	77 1/8	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-86	FLAP	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	35	TURNBUCKLE	AN115-16	AN100-4	2	USED ON SEAPLANES
40123-87	AILERON (TO UPPER HORN)	1/8 DIA. 7-19 FLEXIBLE ST. STL. AIRCRAFT CABLE	173 1/16	TURNBUCKLE	AN100-4	2		42911 1
40123-88	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	4 1/4	NONE	B1322-15	40111	2	ATTACH B1322-15 AT HOLE "E" SEE DWG. B1322 (USED ON SEAPLANES)
40123-89	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	21 1/4	NONE	NONE	40111	2	USED ON SEAPLANES
40123-90	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	15 7/8	NONE	AN115-16	40111	2	USED ON SEAPLANES
40123-91	BRAKE	1/8 DIA. 7-19 GAL. AIRCRAFT CORD	22 3/4	NONE	AN115-16	AN100-4	2	42911 1
40123-92	BUNGEE	1/8 DIA. 7-7 FLEXIBLE ST. STL. AIRCRAFT CABLE	14 1/16	NONE	AN115-16	40111	2	USED ON SEAPLANES

NOTES:

- SEE TABLE FOR TYPE FITTING AT POINTS 'A' & 'B'.
- WHERE TURNBUCKLE IS SPECIFIED, TURNBUCKLES 40141, 42722, OR 5157-165 (PURCH. AERO SUPPLY MFG. CO.) MAY BE USED. WHEN TURNBUCKLE 40141 IS USED THE LENGTH OF CABLE TO BE MADE 3/8 LONGER THAN DIMENSION SHOWN.
- ATTACH TURNBUCKLE TO CABLE BEFORE SPLICING.
- SEE DWG. 42521 FOR CABLE SLEEVE SPLICE.
- CABLES SHALL BE DIPPED IN RUST VETO-SOFT PURCH. E. R. HOUGHTON CO.
- SLEEVES PURCH. THE NATIONAL TELEPHONE SUPPLY CO.

REV.	DATE	BY	DESCRIPTION
BK - 92 ADDED	6-7-49	H.R.K.	
BL - 91 ADDED	10-23-50	H.R.K.	
BM - 85, 87, 88, 89 & 90 ADDED	5-3-50	H.R.K.	
BG - 81, 82, 83, 84 & 85 ADDED	4-7-50	H.R.K.	
BH - 80 ADDED	2-18-50	C.K.	
BI - 77, 78 & 79 ADDED	1-5-50	R.C.	
BD - LENGTH OF 19 STRAND NON FLEX. STL. CABLE	12-14-49	C.K.	
BC - LENGTH OF 19 STRAND NON FLEX. STL. CABLE FOR 46	12-24-49	R.H.	
BB - 74 & 75 ADDED	8-10-49	C.K.	
BA - 71, 72 & 73 ADDED	7-29-49	H.R.K.	
AZ - 67, 68, 69 & 70 ADDED	7-29-49	C.K.	
AY - REDRAWN WITHOUT CHANGE	6-28-49	C.K.	
AX -			
AW -			
AV -			
AS -			
AT -			
AR -			
AL -			

  

SEE TABLE	SEE TABLE	SEE TABLE
PART NO.	REQ.	MATERIAL
SCALE	TOTAL WT.-LBS.	
FINISH - PIPER SPECIFICATION #10		
MANUFACTURING PRACTICES - PIPER SPECIFICATION #9		

  

MODEL PER PLANS	NEXT ASSEMBLY	SUPERSEDED	SUP. BY

THIS DRAWING IS THE PROPERTY OF THE PIPER AIRCRAFT CORP. AND ITS POSSESSION BY UNAUTHORIZED PERSONS SHALL NOT BE CONSIDERED AS PERMISSION TO REPRODUCE FOR SALE IN WHOLE OR IN PART, ANY DEVICES BEING THEREON.

CABLE ASSEMBLIES-CONTROL

PIPER AIRCRAFT CORP.  
LOCK HAVEN, PENNA.

DRAFTSMAN: C.E.K. H.R.K.  
CHECKER: S-12-49 S-12-49  
STANDARDS: 40123

A881