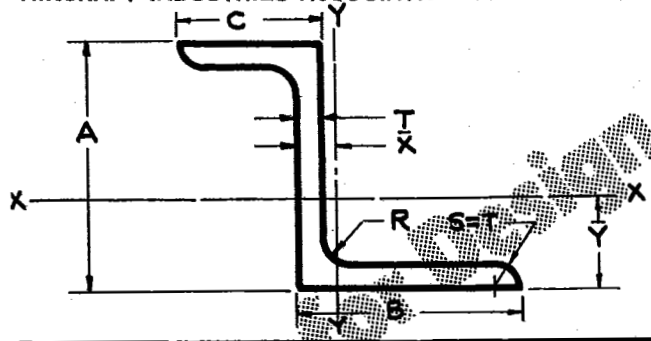


NATIONAL AIRCRAFT STANDARDS COMMITTEE

AIRCRAFT INDUSTRIES ASSOCIATION OF AMERICA, INC., 610 SHOP HAM BUILDING, WASHINGTON 5, D. C.



(See AND10139)

$\bar{y}$ (and $\bar{x}$) = Locating Dimensions for Axis XX-YY.
 I_{xx} (and I_{yy}) = Moment of Inertia about XX-YY.
 R_{xx} (and R_{yy}) = Radius of Gyration about XX-YY.
 Break All Sharp Edges .010R.

DASH No.	NOMINAL DIMENSIONS					AREA SQUARE INCHES	WGT. POUNDS PER FT.	SECTION ELEMENTS						
	A	B	C	T	R			$\bar{Y}$	$\bar{X}$	I_{xx}	I_{yy}	P_{xx}	P_{yy}	
	INCHES							INCHES		INCHES ⁴		INCHES		
1	.500	.750	.375	.078	.125	.1188	.1425	.198	.163	.0038	.0078	.179	.256	
2	.625	1.000	.750	.375	.078	.1286	.1543	.251	.154	.0070	.0079	.233	.248	
3			.375	.063	.125	.1233	.1480	.223	.237	.0068	.0141	.235	.338	
4			.375	.078	.125	.1481	.1777	.224	.247	.0076	.0164	.227	.333	
5			.375	.094	.125	.1734	.2081	.223	.257	.0085	.0189	.221	.330	
6			.750	.078	.125	.1773	.2128	.283	.130	.0108	.0293	.247	.407	
7			.750	.094	.125	.2087	.2504	.283	.138	.0123	.0339	.243	.403	
8	.750	1.000	.750	.375	.078	.1383	.1660	.304	.146	.0107	.0082	.278	.244	
9			.375	.063	.125	.1312	.1574	.271	.224	.0105	.0143	.283	.330	
10			.375	.078	.125	.1578	.1894	.271	.235	.0120	.0168	.276	.326	
11			.375	.094	.125	.1851	.2221	.271	.244	.0135	.0160	.270	.294	
12			.750	.078	.125	.1870	.2244	.340	.125	.0167	.0292	.299	.395	
13			.750	.094	.125	.2204	.2645	.340	.133	.0190	.0339	.294	.392	
14		1.250	.500	.078	.125	.1870	.2244	.270	.296	.0150	.0346	.283	.430	
15			.500	.094	.125	.2204	.2645	.270	.305	.0169	.0398	.277	.425	
16			.500	.125	.125	.2813	.3376	.271	.324	.0197	.0491	.265	.418	
17	.875	1.000	.750	.094	.125	.2322	.2786	.398	.129	.0276	.0341	.345	.383	
18		1.375	.500	.094	.125	.2439	.2927	.306	.340	.0255	.0519	.323	.461	
19			.500	.125	.125	.3126	.3751	.307	.359	.0301	.0642	.310	.453	
20	1.000	1.500	1.000	.500	.094	.125	.2204	.2645	.403	.192	.0316	.0235	.379	.327
21			.500	.094	.125	.2674	.3209	.341	.375	.0364	.0662	.369	.498	
22			.500	.125	.125	.3438	.4126	.341	.394	.0436	.0827	.356	.490	
23			.500	.156	.125	.4158	.4990	.342	.411	.0492	.0969	.344	.483	
24	1.125	1.125	.625	.125	.125	.3281	.3937	.468	.212	.0586	.0455	.423	.372	
25	1.250	1.000	.625	.078	.125	.2163	.2596	.546	.142	.0518	.0246	.489	.337	
26		1.250	.750	.125	.125	.3750	.4500	.532	.214	.0860	.0689	.479	.429	
27	1.375	1.250	.750	.094	.125	.3027	.3632	.588	.192	.0881	.0557	.539	.429	
28	1.500	1.500	1.250	.750	.125	.125	.4062	.4874	.644	.203	.1336	.0697	.573	.414
29			.750	.094	.125	.3379	.4055	.604	.268	.1159	.0860	.586	.504	
30			.750	.125	.125	.4375	.5250	.603	.285	.1435	.1079	.572	.497	
31			.750	.156	.125	.5328	.6394	.603	.301	.1676	.1273	.561	.489	
32	1.750	1.000	.625	.094	.125	.3026	.3631	.778	.134	.1333	.0288	.664	.309	
33		1.250	.750	.125	.125	.4375	.5250	.759	.193	.1938	.0702	.666	.400	
34	2.000	.750	.500	.078	.125	.2455	.2946	.923	.084	.1325	.0107	.735	.209	
35		1.250	.750	.125	.125	.4687	.5624	.875	.184	.2673	.0707	.755	.388	
36		1.500	.875	.156	.125	.6303	.7564	.857	.245	.3616	.1460	.757	.481	
37	2.250	.750	.500	.063	.125	.2178	.2614	1.045	.073	.1483	.0089	.825	.202	

TITLE

ZEE-UNEQUAL LEG, EXTRUDED ALUMINUM,
 SUPPLEMENTARY SERIES

CLASSIFICATION
STANDARD PRACTICE

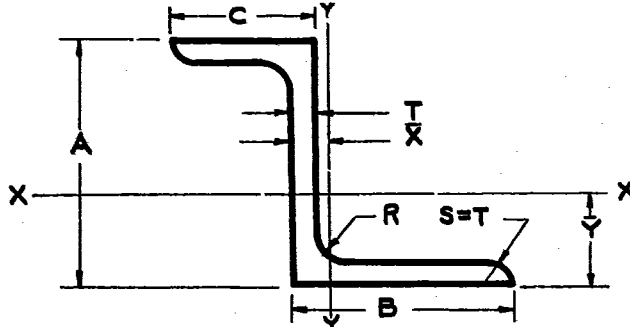
NAS 347

Documents of 2

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT, AND SHALL BECOME EFFECTIVE FOR VENDOR MANUFACTURERS NOT LATER THAN 6 MONTHS AFTER THE LATEST DATE OF APPROVAL SHOWN.

NATIONAL AIRCRAFT STANDARDS COMMITTEE

AIRCRAFT INDUSTRIES ASSOCIATION OF AMERICA, INC., 610 SHOREHAM BUILDING, WASHINGTON 5, D. C.



NOTES:

"Y" (and "X") = Locating Dimensions for Axis XI-YY.
 I_{xx} (and I_{yy}) = Moment of Inertia about XI-YY.
 R_{xx} (and R_{yy}) = Radius of Gyration about XI-YY.
 Break all Sharp Edges .010R.

DASH No.	NOMINAL DIMENSIONS					AREA	WGT.	SECTION ELEMENTS					
	A	B	C	T	R			SQUARE INCHES	POUNDS PER FT.	$\bar{Y}$	$\bar{X}$	I_{xx}	I_{yy}
	INCHES					INCHES	PER FT.	INCHES		INCHES ⁴		INCHES	
38	2.250	.750	.500	.078	.125	.2650	.3180	1.045	.080	.1769	.0104	.817	.198
39	2.500	.750	.500	.063	.125	.2335	.2802	1.169	.071	.1923	.0090	.908	.196
40			.500	.078	.125	.2845	.3414	1.167	.078	.2299	.0104	.899	.191
41		1.000	.750	.094	.125	.3849	.4619	1.177	.096	.3363	.0348	.935	.301
42			.750	.125	.125	.5000	.6000	1.176	.112	.4239	.0430	.921	.293
43	3.000	1.000	.750	.094	.125	.4319	.5183	1.421	.091	.5246	.0347	1.102	.283
44		1.375	.875	.094	.125	.4788	.5746	1.358	.151	.6168	.0810	1.135	.413
45		1.750	1.000	.094	.125	.5259	.6311	1.305	.231	.7061	.1533	1.159	.540
46			1.000	.125	.125	.6875	.8250	1.304	.238	.8994	.2019	1.144	.542

Inactive for Design

(See AND10139)

APPROVAL DATE March 1, 1946 REVISION 1 29 MAR. 1978

TITLE
 ZEE3 - UNEQUAL LEG, EXTRUDED ALUMINUM,
 SUPPLEMENTARY SERIES

CLASSIFICATION
 STANDARD PRACTICE

NAS 347

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