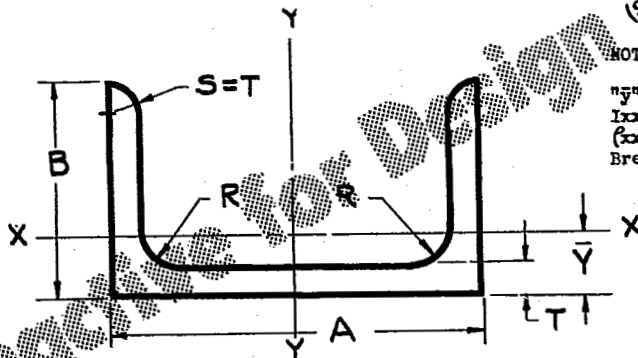


NATIONAL AIRCRAFT STANDARDS COMMITTEE

AIRCRAFT INDUSTRIES ASSOCIATION OF AMERICA, INC.,

OREHAM BUILDING, WASHINGTON 5, D. C.



NOTES:

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

DASH No.	NOMINAL DIMENSIONS				AREA SQUARE INCHES	WGT. POUNDS PER FT	SECTION ELEMENTS				
	A	B	T	R			$\bar{Y}$	I_{xx}	I_{yy}	ρ_{xx}	ρ_{yy}
	INCHES						INCHES	INCHES ⁴		INCHES ⁵	
1	.750	.375	.063	.094	.0889	.1067	.114	.0009	.0070	.102	.281
2			.078	.094	.1061	.1273	.116	.0011	.0079	.102	.273
3		.625	.078	.094	.1451	.1741	.214	.0052	.0123	.189	.291
4			.094	.094	.1703	.2044	.220	.0060	.0139	.188	.286
5		.750	.078	.125	.1675	.2010	.266	.0088	.0147	.229	.296
6			.125	.125	.2500	.3000	.281	.0122	.0196	.221	.280
7		.875	.078	.125	.1871	.2245	.322	.0139	.0169	.273	.300
8			.125	.125	.2814	.3377	.337	.0193	.0226	.262	.283
9		1.125	.094	.125	.2673	.3208	.442	.0327	.0243	.350	.302
10			.125	.125	.3438	.4126	.453	.0404	.0290	.343	.291
11	.875	.375	.063	.094	.0967	.1160	.104	.0011	.0103	.107	.326
12			.078	.094	.1159	.1391	.110	.0011	.0118	.098	.319
13		.625	.094	.094	.1821	.2185	.209	.0063	.0203	.186	.334
14			.125	.125	.2656	.3187	.268	.0130	.0290	.221	.331
15		.875	.094	.125	.2321	.2785	.312	.0167	.0279	.268	.347
16			.156	.125	.3573	.4288	.332	.0239	.0375	.259	.324
17		1.000	.094	.125	.2557	.3068	.368	.0246	.0315	.310	.351
18			.156	.125	.3963	.4756	.389	.0351	.0429	.298	.329
19		1.375	.125	.125	.4220	.5064	.552	.0760	.0512	.424	.348
20			.156	.125	.5133	.6160	.563	.0898	.0581	.418	.337
21	1.000	.375	.078	.094	.1256	.1507	.102	.0013	.0163	.102	.360
22			.094	.094	.1938	.2326	.199	.0067	.0282	.186	.381
23		.750	.125	.125	.2812	.3374	.257	.0137	.0400	.221	.377
24			.156	.125	.3768	.4522	.319	.0250	.0526	.258	.374
25		1.000	.125	.125	.3438	.4126	.365	.0318	.0522	.304	.390
26			.156	.125	.4158	.4990	.374	.0372	.0598	.299	.379
27		1.250	.094	.125	.3144	.3773	.466	.0487	.0530	.394	.411
28			.156	.125	.4938	.5926	.488	.0715	.0736	.381	.386
29		1.500	.125	.125	.4688	.5626	.594	.1025	.0760	.468	.403
30			.156	.125	.5718	.6862	.604	.1209	.0876	.460	.391
31	1.125	.375	.078	.094	.1353	.1624	.099	.0014	.0223	.102	.406
32		.625	.094	.094	.2056	.2467	.191	.0069	.0376	.183	.428

TITLE

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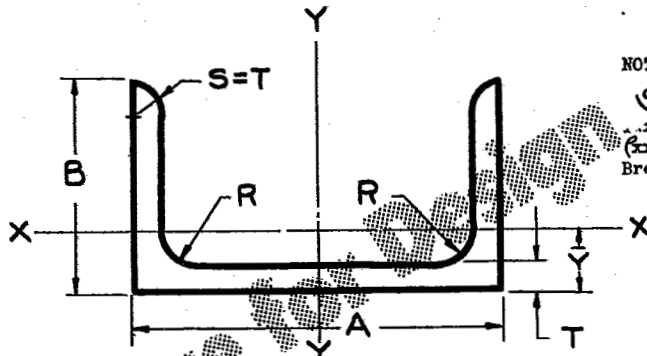
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NATIONAL AIRCRAFT STANDARDS COMMITTEE

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



NOTE

(See AND10137)

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

DASH No.	NOMINAL DIMENSIONS				AREA	WGT.	SECTION ELEMENTS				
	A	B	T	R			SQUARE INCHES	POUNDS PER FT.	$\bar{Y}$	I_{xx}	I_{yy}
	INCHES						INCHES	INCHES ⁴		INCHES	
33	1.125	.625	.125	.094	.2626	.3151	.199	.0082	.0454	.177	.416
34		.750	.125	.125	.2968	.3562	.247	.0142	.0538	.219	.426
35		1.000	.156	.125	.4353	.5224	.361	.0389	.0801	.299	.429
36		1.125	.094	.125	.3026	.3621	.396	.0376	.0634	.353	.458
37			.125	.125	.3906	.4687	.406	.0467	.0774	.346	.445
38		1.375	.156	.125	.5523	.6628	.529	.0983	.1077	.422	.442
39		1.750	.156	.156	.6729	.8075	.701	.1975	.1359	.542	.450
40	1.250	.375	.078	.094	.1451	.1741	.095	.0014	.0289	.098	.446
41		.625	.125	.125	.2813	.3376	.191	.0084	.0595	.173	.460
42		.875	.156	.125	.4158	.4990	.296	.0271	.0918	.255	.470
43		1.125	.156	.125	.4938	.5926	.402	.0571	.1152	.340	.483
44		1.500	.156	.125	.6108	.7330	.570	.1312	.1504	.464	.496
45		1.875	.156	.156	.7314	.8777	.742	.2490	.1856	.583	.504
46	1.375	.375	.078	.094	.1549	.1859	.092	.0014	.0369	.095	.488
47		.875	.156	.125	.4353	.5224	.287	.0278	.1160	.253	.516
48		1.125	.188	.125	.6027	.7232	.400	.0614	.1633	.334	.521
49			.125	.125	.4845	.5814	.489	.0890	.1493	.429	.555
50		1.375	.156	.125	.5913	.7096	.499	.1056	.1746	.423	.543
51			.188	.125	.6967	.8360	.509	.1215	.1967	.418	.531
52		1.625	.125	.125	.5469	.6563	.602	.1431	.1737	.512	.564
53			.188	.125	.7907	.9488	.622	.1973	.2301	.499	.539
54		2.000	.156	.188	.7945	.9534	.780	.3105	.2494	.625	.560
55			.188	.188	.9399	1.1279	.791	.3596	.2819	.618	.548
56	1.500	.375	.094	.094	.1938	.2326	.093	.0016	.0523	.287	.519
57		.875	.094	.125	.2908	.3490	.259	.0200	.1001	.262	.587
58		1.125	.125	.125	.4375	.5250	.369	.0518	.1532	.344	.592
59			.188	.125	.6262	.7514	.389	.0697	.2021	.334	.568
60			.125	.125	.5001	.6001	.476	.0918	.1828	.429	.604
61		1.375	.156	.125	.6108	.7330	.485	.1091	.2145	.423	.593
62			.188	.125	.7202	.8642	.496	.1256	.2429	.418	.581
63		1.750	.188	.125	.8612	1.0334	.664	.2514	.3041	.540	.594
64		2.250	.188	.188	1.0574	1.2689	.891	.5187	.3873	.700	.605

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