Amateur-Built Fabrication and Assembly Checklist (2011) Fixed Wing

	SONEX AIRCRAFT, LLC
Address:	511 AVIATION RD., OSHKOSH, WI 54902
Aircraft Model:	SUBSONEX JSX-2
Date:	8/20/2014
Remarks:	

NOTE: This checklist is only applicable to fixed wing aircraft. Evaluation of other types of aircraft (i.e., rotorcraft, balloons, lighter than air) will not be accomplished with this form.

NOTE: This checklist is invalid for and will not be used to evaluate an altered or modified type certificated aircraft with the intent to issue an Experimental Amateurbuilt Airworthiness Certificate. Such action violates FAA policy and DOES NOT meet the intent of § 21.191(g).

Instructions For Using The Amateur-Built Fabrication and Assembly Checklist (2011):

A point (each task equals 1 point) can be divided over multiple categories (Manufacturer, Commercial Assistance, Amateur Builder Assembly and Amateur Builder Fabrication) into 1/10 fractions. A Manufacturer may be a kit manufacturer, a component manufacturer or a part(s) manufacturer. Commercial assistance (for hire or compensation) may include assistance provided by kit manufacturers, commercial assistance centers, individuals (e.g. A& P mechanics or avionics technicians).

For example, 0.5 (half point) can be assigned to the Manufacturer, 0.3 (3/10 - 3 tenths) as Commercial Assistance, 0.2 to the Amateur Builder as Fabrication, for a total of 1 point.

Enter "N/A" in any box where a listed task is not applicable to the particular aircraft being evaluated. Use the "Add item" boxes at the end of each section to add applicable unlisted tasks and award credit.

	A	В	C	D
FABRICATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
	Component	Assistance	Assembly	Fabrication
Task Fuselage – 22 Listed Tasks #				
F1 1 Fabricate Longitudinal Members	1			
F2 1 Fabricate Composite Cores or Shells, Skins/Nose Cone	0.4			
F3 1 Fabricate Bulkheads or Cross members	1			
F4 1 Fabricate Flt Control Push Pull Tubes/Cables	0.8		ALC: NO DESCRIPTION OF THE PERSON OF THE PER	
F5 1 Assemble Flt Control Push Pull Tubes/Cables	0			
F6 1 Assemble Fuselage Basic Structure	1			

				В	C	D
FABRICATION AND AS		AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
		Fixed Wing	Component	Assistance	Assembly	Fabrication
F7	Fabricate B	rackets and Fittings	1			
F8	Assemble E	Brackets and Fittings	1			
F9	Fabricate C	ables, Wire, and Lines	0			THE REAL PROPERTY.
F10	Assemble (Cables, Wire, and Lines	0			THE REAL PROPERTY.
F11	Fabricate F	uselage Fuel System Components/Header Tank	0.6			
F12	Assemble F	Fuselage Fuel System Components/Header Tank	0	A GREEN STREET		WARRIE U
F13	Fabricate F	uselage Covering or Skin	1			E E
F14	Assemble F	Suselage Covering or Skin	1	FIRE OF SE		
F15	Fabricate W	Vindshield	0			
F16	Assemble V	Vindshield to Fuselage	0			
F17	Fabricate W	Vindows	N/A		HIE SEL	
F18		Vindows to Fuselage	N/A			
F19	Fabricate D	oors/Canopy and Frame	1			
F20		Doors/Canopy to Fuselage	0			
F21	Fabricate M	last and Strut Assembly	N/A			
F22	Assemble N	Mast and Strut Assembly	N/A			
F23	Add Fab ite	em: Frabricated Fuel Tank	0.6			
F24	Add Assy item: Assemble Fuel Tank To Fuselage		0			
F25	Add Fab it	em:				
F26	Add Assy i	tem: Assemble Nose Cone to Fuselage	0			Male is
	tal # of age Tasks	Fuselage Subtotal	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builder Fabrication
	21	Fuselage Total Points >	10.4	0.0	0.0	0.0

EABBICATION AND ASSERTED Y EABORS MERKEDED COMPANDED AND ASSERTED AS A BANK OF THE RESERVENCE OF THE PARTY OF	A B C D ONE Author Composed An Justice Author One of the Composed Andrews Author One of the Composed Author On	
PARRICATION AND ASSEMBLY EARCS MERCHANIC COMPAND AS PARENT	INCS MAR KLUPPET Company An Date A a	
		PARRICATION AND ASSEMBLY DA

	EADDICATION AND ACCEPTED WEAGAG	A	В	C	D
	FABRICATION AND ASSEMBLY TASKS	Mfr Kit/Part/		Am-Builder	Am-Builder
~ .	Carried State Control of the Control	Component	Assistance	Assembly	Fabrication
Task #	Wings – 47 Listed Tasks				
74	1 Fabricate Right Wing Spars	1			
W2	1 Fabricate Right Wing Ribs	1	THE RESERVE		
W3	Assemble Wing Spars and Ribs to Form Right Wing Primary Structure	1	wing course Wing En Lig		
W4	1 Fabricate Left Wing Spars	1 wount	Best: Work		
W5	1 Fabricate Left Wing Ribs	1	Vite Puel Sy		
W6	Assemble Wing Spars and Ribs to Form Left Wing Primary Structure	1	e2 hart yalW		
W7	Fabricate Composite Cores	N/A			
W8	Assemble Composite Cores to Wing	N/A	DHS E.O.		
W9	1 Fabricate Wing Leading and Trailing Edges	1	N WAS TRUE A		
W10	1 Assemble Wing Leading & Trailing Edges to Wing	A of a 1 2 year	Wing Court		
W11	Fabricate Drag/Anti-drag Truss Members	N/A	Venual univ		DATE OF
W12	Assemble Drag/Anti-drag Truss Members to Wing	N/A	Telini2 miW	all Aller	
W13	1 Fabricate Wing Brackets and Fittings	1	aster/T today		
W14	1 Assemble Wing Brackets and Fittings to Wing	1	riseles Tiles in		Will be the
W15	1 Fabricate Wing Tips	0.5	Manual N		
W16	1 Assemble Wing Tips to Wings	0	learning and		
W17	Fabricate Special Tools or Fixtures	N/A			
W18	Fabricate Aileron Spars	N/A	mass A. Wall		
W19	1 Fabricate Aileron Ribs or Cores	0.7			HIERON
W20	Assemble Aileron Spars, Ribs and/or Cores to Form Aileron Primary Structure	0	desh		
W21	1 Fabricate Aileron Brackets and Fittings	0.7	illian		
W22	1 Assemble Aileron Brackets & Fittings to Aileron	0			
W23	Fabricate Aileron Covering or Skin (Includes Leading and Trailing Edges)	0.7	100		
W24	1 Assemble Aileron Covering or Skin to Aileron	0		m X in his	
W25	1 Assemble Aileron to Wing	0		Hard Co.	
W26	Fabricate Flap Spars	N/A			
W27	1 Fabricate Flap Ribs or Cores	0.7			
W28	Assemble Flap Spars, Ribs or Cores to Form Flap Primary Structure	0			
W29	1 Fabricate Flap Bracket and Fittings	0.7			TO THE
	1 Assemble Flap Bracket and Fittings Flap	0		13 1 12 1	E I I I I I I

			A	В	C	D
FABRI		CATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
nA ly		Commercial Commercial	Component	Assistance	Assembly	Fabrication
W31	Fabricate Fl Trailing Ed	ap Covering or Skin (Includes Leading and ges)	0.7	1179-ga		
W32	1 Assemble F	lap Covering or Skin to flap	0			
W33	1 Assemble F	laps to Wing	0			-
W34	Fabricate W	ing External Lighting Components	N/A		min	
W35	Assemble V	Ving Ext Lighting Components to Wing	N/A		Section 2	
W36	1 Assemble l	Basic Wing Structure	1	egit garlif me.		100 3
W37	Fabricate W	ring Fuel System components	N/A	EX THE RES	Stranger Hills	
W38	Assemble V	Ving Fuel System Components to Wing	N/A	E CLOSE JATA		
W39	Fabricate C	ables Wires and Lines	N/A			
W40	Assemble C	Cables Wires and Lines to Wing	N/A			
W41	1 Fabricate W	ing Covering or Skin	1		E WATER	
W42	1 Assemble V	Ving Covering or Skin to Wing	1	ndina povi	EN PRODUCTION	
W43	Fabricate W	ring Struts/Wires	N/A	mbelta A park		
W44	Assemble V	Ving Struts/Wires	N/A	ab-line Amilde	NAME OF THE OWNER, OWNE	
W45	Fabricate Fu	uel Tanks	N/A	Alexand and	REPORT OF	
W46	Assemble F	uel Tanks to Wing	N/A	manual govern	NO STREET, ST	
W47	1 Assemble V	Vings to Next Higher Structure	0.8	agri yalki		Charles III
W48	1 Add Fab ite	m: Fabricate Center Wing Spar	1	or start and A		
W49	1 Add Fab ite	m: Frabricate Center Wing Ribs	1	SPORT TENSOR	R MALES	
W50	Add Assy it Structure	em: Assemble Wing Spars and Ribs to Primary	1	Mark Rooms		PRINT.
W51	Add Assy it	rem:	Drawline and A.,	ation? normal A		W30
W52	Add Assy it	em:				
W53	Add Fab ite	m:				
W54	Add Assy it	em:				
W55	Add Assy it	em:		Control	Lastint!	ME
	# of Wing Tasks	Wings Subtotal	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builde Fabricatio
	33	Wings Total Points ▶	21.5	0	0	0

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	7	A	В	C	D
	FABRICATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	
	ALLOW AS A STATE OF THE STATE O	Component	Assistance	Assembly	Fabrication
Task #	Empennage – 42 Listed Tasks				
	Fabricate Horizontal Stabilizer Spars	0.8			ALL STREET
	Fabricate Horizantil Stabilizar Ribs or Cores	0.7	III III III II	DINE SOR	
E3	Assemble Horizontal Stabilizer Ribs or Cores to Form Primary Horz-Stab Structure	0	red Prebby		
E4 1	Fabricate Horizontal Stabilizer Brackets & Fittings	0.8	CONTRACTOR OF THE PERSON NAMED IN		
E5	Assemble Horizontal Stabilizer Brackets and Fittings to Stabilizer	0	don il abbut		
E6	Fabricate Horizontal Stabilizer Lead/Trailing Edges	N/A			
E7	Assemble Horizontal Stabilizer Lead/Trailing Edges to Stabilizer	N/A	Desgl		
E8	Fabricate Horizontal Stabilizer Cables, Wires and Lines	N/A			THE RES
E9	Assemble Horizontal Stabilizer Cables, Wires and Lines to stabilizer	N/A	an Labori		
E10	Fabricate Horizontal Stabilizer Empennage Covering or Skin	0.7	- TE	THE WALL	類層
E11	Assemble Horizontal Stabilizer Empennage Covering or Skin to Stabilizer	0	my	Line	
E12 1	Assemble Horizontal Stabilizer Structure to Fuselage	0			
E13	Fabricate Elevator Spars	N/A			
E14 1	Fabricate Elevator Ribs Cores	0.7			
E15	Assemble Elevator Spars, Ribs or Cores to Form Primary Elevator Structure	0	6		
E16	Fabricate Elevator Brackets and Fittings	0.7	and the sections		
E17	Assemble Elevator Brackets and fittings to Elevator	0			
E18	Fabricate Elevator Covering or Skins (Includes Leading and Trailing Edges)	0.7			
E19	Assemble Elevator Covering or Skins to Elevator	0		THE PARTY	
E20	Fabricate Elevator trim Tab	N/A			
E21	Assemble Elevator Trim Tab to Elevator	N/A			
E22	Assemble Elevator to Horizontal Stablizer	0			
E23	Fabricate Vertical Stabilizer Spars	N/A			
E24	Fabricate Vertical Stabilizer Ribs Cores	N/A			
E25	Assemble Spars, Ribs and/or Cores to Form Primary Vertical Stabilizer Structure	N/A			
E26	Fabricate Vertical Stabilizer Brackets and Fittings	N/A		E MALE	
E27	Assemble Brackets and Fittings to Vertical Stabilizer	N/A			
E28	Fabricate Vertical Stabilizer Cables, Wires and Lines	N/A		THE REAL	
E29	Assemble Cables, Wires, Lines to Vertical Stabilizer	N/A			
E30	Fabricate Vertical Stabilizer Covering or Skin (Includes Leading and Trailing Edges)	N/A			

	5	ABRICATION AND ASSEMBLY TASKS	A	В	C	D
	FABR	ICATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
		Principly Thankiday	Component	Assistance	Assembly	Fabrication
E31	Assemble Stabilizer	Vertical Stabilizer Covering or Skin to Vertical	N/A			
E32	Assemble	Vertical Stabilizer to Next Higher Structure	N/A			
E33	Fabricate F	Rudder Spar	N/A			
E34	1 Fabricate F	Rudder Ribs or Cores	0.7	n=12 da12		
E35	Assemble Rudder Str	Rudder Spars, Ribs and/or Cores to Form Primary ructure	0	i i i i i i i i i i i i i i i i i i i		
E36	1 Fabricate I	Rudder Brackets and Fittings	0.7			BEILE ST
E37	1 Assemble	Rudder Brackets and Fittings to Rudder	0			
E38	Fabricate F Trailing Ed	Rudder Covering or Skin (Includes Leading and Ilges)	0.7	James ell		MER
E39	1 Assemble	Rudder Covering or Skin to Rudder	0			
E40	Fabricate F	Rudder Trim Tab	N/A			
E41	Assemble	Rudder Trim Tab to Rudder	N/A			
E42	1 Assemble	Rudder to Fuselage	0			
E43	Add Fab it	em:	second padde	and technique		al a l
E44	Add Assy	item:				
E45	Add Fab it					HA
E46	Add Assy	item:			CONTRACTOR OF THE PARTY OF THE	
En	otal # of npennage Tasks	Empennage Subtotal		Commercial Assistance	Am-Builder Assembly	Am-Builder Fabrication
	22	Empennage Total Points ▶	7.2	0	0	0

Empennage Comments: For this aircraft, "stabilator" is used in place of stabilizer; the elevator is replaced with "ruddervator."

		stophers Included	A	В	C	D
	FABRIC	ATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
			Component	Assistance	Assembly	Fabrication
Task #	Landin	g Gear – 14 Listed Tasks				
	Fabricate La	anding Gear Struts or Major Components	1			
LG2		anding Gear Struts or Major Components to ry Landing Gear Structure	0	Forcing Court		
LG3	Assemble Landing Gear System Components Next Level Structure		0			
LG4	1 Fabricate Brake System Components		1	Broding Cosm		THE RESERVE
LG5	Assemble B	rake System Components to Wheels/Gear	0	eye nathabe.		
LG6	G6 1 Assemble Wheels and Tires to Landing Gear		0	net mission!		
LG7 1	7 1 Fabricate Landing Gear Bracket and Fittings		0.9	stay sendal		STATE OF THE PARTY
LG8	Assemble L Gear	anding Gear Bracket and Fittings to Landing	0	Erfamil Syna Station Lesson		
LG9 1	Fabricate La	anding Gear Actuation System Components	1	mac) miceo		
LG10	Assemble L Next Higher	anding Gear Actuation System Components to	0	Los delberio		
LG11	Fabricate La	anding Gear System Cables, Wires and Lines	0.3			NEW YORK
LG12	Assemble L Level Struct	anding Gear Cables, Wires and Lines to Next rure	0			
LG13	Fabricate Landing Gear Fairings/Gear Doors		0.7	of propaga		
LG14	4 1 Assemble Landing Gear Fairings/Gear Doors to Next Level Structure		0			
LG15	Add Fab ite	m:		mb Tenge		5.59
LG16	Add Assy it	em:			identary	
	# of Land ar Tasks	Landing Gear Subtotal	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builder Fabrication
	14	Landing Gear Total Points ▶	4.9	0	0	0

Landing Gear Comments:

Task I # P1 1 Fabric P2 1 Assem P3 Fabric	Propulsion – 26 Listed Tasks eate Engine Mounts able Engine Mounts to Next Level Structure	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builder Fabrication
P1 1 Fabric P2 1 Assem P3 Fabric	eate Engine Mounts	Component			
P1 1 Fabric P2 1 Assem P3 Fabric	eate Engine Mounts				rauncation
P1 1 Fabric P2 1 Assem P3 Fabric					
P3 Fabric	able Engine Mounts to Next Level Structure	1	- 7417730	THE NA	
P3 Fabric	Total Eligina Modifies to Next Level Structure	1			
	eate Engine Cooling System/Baffles	N/A			
P4 Assem	able Engine Cooling System Baffles to Engine	N/A	and the best of the same of		
	ate Engine Compartment Overheat/Fire Detection	N/A	resource the		
P6 Assem	nble Engine Compartment Overheat/Fire Detection n to Engine Compartment	N/A	marke Symon		
	eate Induction System	N/A	Liver Barrie		
	able Induction System to Engine	N/A	Tree Provide		
	eate Exhaust System	N/A	wall gurlaw.	HER DESIGNATION OF THE PERSON	
	able Exhaust System to Engine	N/A			
	eate Engine Control Installation Brackets	N/A			
	able Engine Controls to Next Level Structure	0	man and head		
	eate Brackets and Fittings	0.7			
	able Brackets and Fittings to Next Level Structure	0.7	Seducities of		
	eate Cables, Wires and Lines	0	EST STATE		
	able Cables, Wires and Lines to next Level Structure	0	Mal Light Cold		
	able Engine (Likely N/A)	N/A	BINE:	Column 1	
	able Engine to Engine Mount	0			In II and
	eate Engine Propeller (Likely N/A)	N/A			
	eate Propeller Spinner Components	N/A			NA COL
	able Propeller and Spinner to Engine	N/A			
	eate Engine Fairings	0.7			
	able Engine Cowling to Airframe	0			
	nble Engine Fuel System Components to Next Level	0			
	eate Firewall	N/A			
	able Firewall To Next Level Structure	N/A			
The second secon	ab item:	The second species	ma.i.		
	Assy item:				
	ab item:				
	Assy item:				
Total # of					
Propulsion Tasks	~ _	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builder Fabrication
11	Propulsion Total Points ▶	4.1	0	0	0

Propulsion Comments: Line item P15 refers to the engine wiring and controls for the PBS TJ-100 jet engine

FABRICATION AND ASSEMBLY TASKS				A	В	C	D
		FABRI	CATION AND ASSEMBLY TASKS	Mfr Kit/Part/	Commercial	Am-Builder	Am-Builder
				Component	Assistance	Assembly	Fabrication
Task #		Cockpi	t Interior – 23 Listed Tasks				
C1	1	Fabricate In	strument Panel	0.5			
C2		Fabricate In	strument Sub Panels, Brackets and Fittings	N/A	DARKS AT		
СЗ	1	and the second second second	nstrument Panel, Sub Panels and Brackets and Wext Higher Structure	0			
C4		Assemble A	vionics to Instrument Panel	N/A			
C5		Fabricate Se	eats	N/A			
C6		Fabricate Se	eat Brackets and Fittings	N/A		HEIMAN	
C7		Assemble S	eats and Brackets and Fittings to Cockpit	N/A		REFEREN	
C8	1	Fabricate Se Brackets	eat Belts and Shoulder Harness Fittings and	0.9	and flangerish		1318
C9	1	Assemble S Brackets to	eat Belts and Shoulder Harness Fittings and Structure	0			
C10	1	Fabricate El	ectrical Wiring, Controls and Switches	0.1			
C11	1		lectrical Systems Controls and Switches to Next	0	nija pangany i Lin Wija kang		
C12	1	Fabricate C	ontrol Yokes/Sticks	0.9			
C13	1	Assemble C	Control Yokes/Sticks to Flight Control System	0	Vingsta' 2 day		
	_		Il Flight Control Push Pull Tubes and/or Cables	1			
C15	1		light Control Push Pull Tubes and/or Cables to	0	eligency will be noted by the		
C16	1	Fabricate Ru	udder Pedals	0.8			
C17	1	Assemble R	udder Pedals to Next Higher Structure	0	4-1 16A - 11E	A SHARE	
C18	1	Fabricate R	oll-Pitch and Yaw Trim Systems	0.9			MARKET STATE
C19	1	Assemble R	oll-Pitch and Yaw Trim Systems to Next Higher	0		Total Cal	To let the
	_		ap/Spoiler Controls	0.7	7		Sept Service
_	_		lap/Spoiler Controls to Next Higher Structure	0			
C22	_		oseout Panels/Floor Panels	N/A			
C23	-		loseout Panels/Floor Panels	N/A			
C24	H	Add Fab ite		7 4/10/24/11/2	7105 LINE		UM
C25	H	Add Assy it	The second secon				
Т		tal # of pit Tasks	Cockpit Interior Subtotal	Mfr Kit/Part/ Component	Commercial Assistance	Am-Builder Assembly	Am-Builde Fabrication
		Cockpit Interior Total Points ▶	5.8	0	0	0	

Cockpit Comments: Line Item C5, seats are part of the fuselage structure.

Total # of Aircraft Tasks	THE REST THE PERSON NAMED ASSESSED.
117	<u>◀ SUM #1</u>

FABRICATION AND ASSEMBLY SUMMARY		A	В	C	D
	The state of the	Mfr Kit/Part/ Component	Commercial Assistance	Am Builder Assembly	Am Builder Fabrication
1. Total Number of Aircraft Tasks	(Note 1)	(SUM#1)		117	
2. Total Points for Each Category.	(Note 2)	53.9	0.0	49.5	13.6
. Total Points for Complete Aircraft Construction SUM # 2 should equal SUM # 1 above). (Note3)		(SUM #2) ► 117.		7.0	
4. Percentage of Each Category as Part of Total Aircraft Construction. (Note 4)		46.07%	0.00%	42.31%	11.62%
5. Total Percentages for Complete Aircraft Construction (Add all percentages in row 4) Total should equal 100% (± . 5%). (Note 5)		net thet alway	100.0%		
6. Total Builder Points – Add points in row 2, column C and D only, together. (Note 6)				6.	3.1
7. Total Builder Percentage – Add percentages in row 4, columns C and D only, together. (Note 7)				53.93%	

NOTES: Instructions For Completing Fabrication and Assembly Checklist Summary

- 1. TOTAL NUMBER OF AIRCRAFT TASKS (Sum #1): To find the total points awarded for all tasks, add together the six individual "Total # of Tasks" blocks located at the bottom left of each aircraft tasks section.
- 2: TOTAL POINTS FOR EACH CATEGORY: [Columns A, B, C and D]. Each columns' total points are tallied by adding the sum of the points awarded in each respective column for each of the tasks in the section (Fuselage, Wings, Empennage, Landing Gear, Propulsion and Cockpit). Include points assigned to 'Additional Items' at the end of each section. Boxes with a N/A (not applicable) or an asterisk, have zero points.
- 3: TOTAL POINTS FOR COMPLETE AIRCRAFT CONSTRUCTION: (SUM#2) In row 3 of the Summary section, add together the numbers in each block on row2, tallied from each of the four column category totals, (Columns A+B+C+D). Compare SUM #1 to SUM #2. SUM #1 should be equal to SUM #2, (Verify the two sums are equal within a deviation of \pm 0.5). Total points will vary from aircraft to aircraft depending on number of add items and N/As (Not Applicable) applied. (e.g., 133 listed task points, plus 5 Add items, minus 22 N/As = 116 tasks)

- 4: PERCENTAGE OF EACH CATEGORY AS PART OF TOTAL AIRCRAFT CONSTRUCTION: To compute category percentages, divide the number in each individual block found on row 2 by Sum #2 on row 3. For example if the total points of Mfr Kit/Part/Component category (Column A) = 40 and Sum #2 = 120, then divide 40 by 120 to reach 33.3%. Do this for each invidual block on row 4 for each column. Percentages may be rounded to the nearest tenth, (22.86% is rounded to 22.9%).
- **5: TOTAL PERCENTAGES FOR COMPLETE AIRCRAFT CONSTRUCTION:** Add up the percentages of each of the four categories (Columns A+B+C+D) found on row 4. Total must be equal to 100% with a (±) deviation limited to ½ % (0.5%). Example; a derived percentage between 99.5% and 100.5% is acceptable. If this computation falls outside the accepted deviation then an error has occurred in row 2, 3 or 4.
- **6: TOTAL BUILDER POINTS:** Add together the two point tallies from row 2, Columns C and D blocks only. Total will vary from aircraft to aircraft depending on number of N/As applied.
- 7. TOTAL BUILDER PERCENTAGE: Add together the two percentage tallies from row 4 Columns C and D blocks only. Total must exceed 50% to be eligible for amateur built status and to meet major portion requirement under 14 CFR, Part 21.191(g) Operating amateur-built aircraft.

EXPLANATIONS AND EXAMPLES

- ▶ All Points are added at the end of the form in the Summary section under their respective categories. The point total is comprised of all the credits awarded for primary delineated tasks plus any credits given for 'Additional
- ▶ "Additional Items" may be assigned points the same as primary listed tasks if work or parts not reflected in the main entries need to be credited.
- ▶ The applicants completion of tasks can be documented in a number of ways and may include
- Builder's logs.
- (2) Photographs/video/DVD.
- (3) Drawings.
- (4) Engineering data when necessary.
- (5) Relevant documentation (e.g., plans) and references (e.g., handbooks) used.
- (6) Documentation concerning any commercial assist
- (7) Documentation concerning any non-commercial assistance used.
- (8) Part inventories and histories.
- (9) Receipts, Catalogs.
- (10) Log book entries

In addition to using this checklist, the builder should document the entire fabrication and assembly process. To issue an airworthiness certificate the FAA must make a major portion determination (the major portion of an aircraft was fabricated and assembled by an amateur builder (s)). Making this finding requires sufficient, credible and adequate documentation.

- A PERCENTAGE OF EACH CATEGORY AS PART OF TOTAL ARRORANT CONSTRUCTION. To compute category or expensive values of control in each unbidous block found on now 2 by Sum #2 or row 3. For seaming it take and prints of Mit McRetMontgonesi ortegacy (Column A. = 45 and Sum #2 = 120, then divide 40 by 120 to reach 35.2%. For ore lar, such avagual block on row 4 for each column. Purpostaget may be rounded to 22.8%.
- 6. TOTAL PERCENTAGES FOR COMPLETE AIMORAFI COMMITTION: 439 up the promises of each of the four congenes (Columns A+E+C+D) found as your 4. Total must be equal to 100% with a (a) denestion invited to a M (0 of). Excepte: a derived potential polyment 68 by and 100 6% is accepted. If this computation has outline the recentled deviation than an environment or an accepted make 3, 3 or 4.
 - 5 TOTAL BUILDER POINTS: Add together the two point falles from your 2. Columns in sind It blocks and.
 Total will vacy from sind of the sworth to sworth on a market of MAS against.
- 7. TOTAL PURLDER PERCENTAGE: Add together the two percentage ratios from row 4 Columns C and D brocks only. Total must exceed 50% to be eligible for amateur but status and to most major portion requires and under 14 CAR, a set 21 19 (c) Occasions entering entering contact exceed.

REPUBLICATIONS AND EXAMPLE

- At Forts are pared at the end of the form in the Sommery section under their respective attenpoles. The point print is commoned of an the charter awarded for primary definedted tasks , sur any confits given for publicated.
- (b) "Additional traves" may be assigned points the same as edimary listed tests if work or curte fed reflected as the main actions used to be cooked.
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