16	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES											
	<b>General</b> - The materials, parts, and supplies listed below are those commonly processing, or assembly of the products listed in <b>2</b> . Please review the entire I consumed. Leave blank if you do not consume the item. If you use materials, describe and report them in the "Cost of all other materials " at the end of \$25,000 of a listed material, include the value with "Cost of all other materials	ist and report se parts, and suppli this section. If ye	parately es that ou cons	/ each iten are not lis sumed less	ted, s than							
	Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.											
	If quantities are requested, please use the unit of measure specified.											
	If the information as requested cannot be taken directly from your book record ACCEPTABLE.	ds, REASONABLE		ATES ARE	Ξ							
	Valuation of Materials Consumed - The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including treight and other direct charges incurred in acquiring the materials.											
	Materials received from other plants within your Tomp of the due reported assigned by the shipping plant, plus the cost of the the shipping plant, plus the cost of the shipping plant.	at their full eror arges).		alve the	alue							
	If purchases or transfers do not differ significantly from the amount actualy the cost of purchases or transfers. However, if consumption differs schificant transferred, these amounts should be adjusted for onanges in the naterials an beginning inventory to the amount purchased or transferred and subtracting e	nut into protucti	VOU	may reno	ort the							
	<b>Contract Work</b> - Include at my trial, consumed those you purchased for use under contract. Amounts pad to the companies doing the contract work shoul include freight in and out. On the other hand, materials owned by others but to products for others under contract or on commission should be excluded.	ld be reported in	🕒, line	e A5, and s	should							
	<b>Resales</b> - Cost for products bought and sold or transferred from other establis without further manufacture, processing, or assembly should be reported in <b>Q</b> products shipped by this establishment should be reported in <b>Q</b> under Census	, line A2, not in	🛈. The	value of t	hese							
Line No.	Materials, parts, and supplies	Census material code	mater rec	ourchased materials other of your /								
Lin			Cost, ir	livery cost ı)								
	0634	0630	\$ Bil. 0631	Mil.	Thou.							
1	Aircraft engines	336412 01 0										
2	Aircraft engine parts (excluding instruments)	336412 03 6										
	Structural components, excluding instruments (airframe)											
3	Fuselage	336413 03 4										
4	Empennage (tail)	336413 05 9										
5	Wings	336413 07 5				-						
6						-						
0		336413 09 1				82						
7	Other, excluding engines, accessories, electronics, and other parts that may be replaced from time to time (including engine mounts)	336413 11 7				33609082						
8	Aircraft propellers and parts thereof	336413 01 8				336						
9	Aircraft seats	336360 05 2										

CONTINUE WITH TO ON PAGE 9

16	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued					
e No.	Materials, parts, and supplies	Census material code	mater rec	mption of p ials and of ceived from blishments company	materials other of your	
Line			Cost, ii	ncluding de (freight-ir	-	
	0634	0630	\$ Bil. 0631	Mil.	Thou.	
	Avionics					
10	Radio communication systems and equipment, including airborne transmitters and receivers (microwave, UHF, VHF, etc.)	334220 03 5				
11	Navigational systems and equipment, including autopilots, proximity warning/collision avoidance equipment, airborne integrated data systems, etc. (NAVAIDS)	334511 03 7				
12	Search, detection, tracking, and electronic communication systems and equipment, including air defense and control equipment, mapping, monitoring, and evaluation equipment, etc. (RADAR, SONAR, optical)	001900 D5 5				
13	Flight, navigational, airframe, and engine indicators, instruments and clusters (including sensors, transmitters, and displays)	334000 25 4				
14	Resistors, capacitors, transformers, electron tubes, semiconductors, and other electronic components	001900 B7 3				
	Matrix composites					
15	Resin	001900 70 3				
16	Other, including ceramic, carbon, metal, etc.	001900 71 1				
17	Complete mechanical, hydraulic, and pneumatic subassemblies	332912 09 6				
	Fluid power products excluding complete subassemblies (hydraulic and pneumatic)					
18	Fluid power pumps, motors, and hydrostatic transmissions	333996 01 5				
19	Valves	332912 01 3				
20	Hose or tube fittings and assemblies	332912 03 9				
21	Cylinders and rotary actuators	333995 03 3				
22	Filters	333999 01 9				
23	Other fluid power products	001900 89 3			, 	
24	Ball and roller bearings (mounted or unmounted)	332991 01 7			, 	
25	Cutting tools for machine tools	333515 03 9				
	Fabricated metal products, excluding forgings					
26	Aircraft metal hardware	332510 15 5			, 	
27	Bolts, nuts, screws, washers, rivets, and other screw machine products .	332722 03 2			, 	
28	Other fabricated metal products, excluding fluid power products	332000 09 0				

Line No.	Materials, parts, and supplies	Census material	Consumption of purchas materials and of materia received from other establishments of you company			
Lin			Cost, ir	ncluding de (freight-ir		
	0634	0630	\$ Bil. 0631	Mil.	Thou	
	Forgings					
29	Iron and steel	332111 01 2				
30	Aluminum and aluminum-base alloy	332112 03 6				
31	Titanium and titanium-base alloy	332112 05 1				
32	Other	332100 03 1				
	Castings (rough and semifinished)					
33	Iron and steel	331510 01 6				
34	Aluminum and aluminum-base alloy	331520 05 6				
35	Other nonferrous	331520 03 1				
	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel					
36	Bars, bar shapes, and plates	331200 07 1				
37	Sheet and strip	331200 17 0				
38	All other steel shapes and forms	331200 33 7				
	Aluminum and aluminum-base alloy			1 1		
39	Sheet, plate, foil, and welded tubing	331315 01 0				
40	All other aluminum and aluminum-base alloy shapes and forms	331000 55 4				
41	Copper and copper-base alloy	331421 11 5				
42	Titanium and titanium-base alloy	331491 01 9				
43	Other nonferrous shapes and forms	331000 65 3				

CONTINUE WITH **(ON** PAGE 11

33609108

16	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued					
e No.	Materials, parts, and supplies		rial	Consumption of pure materials and of ma received from ot establishments of company		
Line			C	Cost, including deliv (freight-in)		
	0634	0630		\$ Bil. 0631	Mil.	Th
44	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products	325510 03	)			
45	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.)	009700 99 8	3			
		-				
		1				
46	TOTAL (Should equal total reported in 😨, line A1)	771000 00	7			
Ð	-21 Not Applicable.					
2	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE <b>General</b> - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing ga establishment should not report here. Also, operations solely involved in who	rments from lesaling, or ir	fabric: nporti	s knit ina (s	in the saı ee instruc	me tions
<u> </u>	<ul> <li>DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE</li> <li>General - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing ga establishment should not report here. Also, operations solely involved in who Imported Garments below) should not complete this section, but should desc RETURN THE REPORT.</li> <li>If the information as requested cannot be taken directly from your book recor ACCEPTABLE.</li> <li>Valuation of Products - These instructions recognize that the assignment of aerospace industries differs from that followed by most manufacturing indust assignment of product shipment values should be determined by a choice be methods: the percentage of completion method and the completed contract n aerospace industries are variations of "fixed price" or cost plus. These instruc- are reported consistently in (inventories) and ?.</li> <li>Fixed price contracts - Work performed under a fixed price contract can be method or percentage of completion method. Under the completed contract re as a shipment when delivery of the product occurs. The cumulative value of the</li> </ul>	Irments from Ilesaling, or in ribe the type of ds, REASONA f product ship ries. In accou tween the two nethod. Most tions are desi- reported usin nethod, the of he products b	fabric nporti of ope BLE E ment nting o gene contra gned the phtrac eing i	es knit ing (s eration ESTIN t value for co erally acts w to ens comp ct sho manu	in the sar ee instruc n in Rema IATES AR es by the ontracts, th accepted vithin the sure that p pleted con uld be rep factured s	me tions arks a E he produ ntract portec should
<u> </u>	<ul> <li>DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE</li> <li>General - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing gate stablishment should not report here. Also, operations solely involved in who Imported Garments below) should not complete this section, but should desc RETURN THE REPORT.</li> <li>If the information as requested cannot be taken directly from your book recorn ACCEPTABLE.</li> <li>Valuation of Products - These instructions recognize that the assignment of aerospace industries differs from that followed by most manufacturing indust assignment of product shipment values should be determined by a choice be methods: the percentage of completion method and the completed contract maerospace industries are variations of "fixed price" or cost plus. These instructions are reported consistently in <b>(</b> (inventories) and <b>2</b>).</li> <li>Fixed price contracts - Work performed under a fixed price contract can be method or percentage of completion method. Under the completed contract or percentage of completion method. Under the completed contract or percentage of completion method. Under the completed contract or percentage of completion method.</li> </ul>	Irments from Ilesaling, or in ribe the type of ds, REASONA f product ship ries. In accou tween the two nethod. Most tions are desi reported usin nethod, the co he products b inventories s upon an estii estimate can tion 81-1 Any	fabric nportion of ope BLE E ment nting o gene contrac gned f hould mate be ma work	es knit ing (s eration ESTIN t value for co erally acts w to ens comp ct sho manu I not b of the ade b	in the sar ee instruc n in Rema IATES AR es by the ontracts, th accepted vithin the sure that p pleted con uld be rep factured s be reduced e value of y any crit	me tions arks a E he produ ntract bortee shoul d by t work eria
<u> </u>	<ul> <li>DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE</li> <li>General - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing getablishment should not report here. Also, operations solely involved in who Imported Garments below) should not complete this section, but should descret RETURN THE REPORT.</li> <li>If the information as requested cannot be taken directly from your book recorr ACCEPTABLE.</li> <li>Valuation of Products - These instructions recognize that the assignment of aerospace industries differs from that followed by most manufacturing indust assignment of product shipment values should be determined by a choice be methods: the percentage of completion method and the completed contract in aerospace industries are variations of "fixed price" or cost plus. These instruct are reported consistently in <b>O</b> (inventories) and <b>2</b>.</li> <li>Fixed price contracts - Work performed under a fixed price contract can be method or percentage of completion method. Under the completed contract if as a shipment when delivery of the product occurs. The cumulative value of the be included in inventories gross of progress payments until delivered. (These amount of any progress payment.)</li> <li>Under the percentage of completion method, the value of shipments is based done during the period as a percentage of the total value of the contract. The established by management and in compliance with AICPA Statement of Position Po</li></ul>	Irments from Ilesaling, or in ribe the type of ds, REASONA f product ship ries. In accout tween the two nethod. Most tions are desi- reported usin method, the co he products b inventories s upon an estii estimate can tion 81-1 Any poess inventor d reflect cost i ased on (a) th pr work done	fabric nportion of ope BLE E ment nting o gene contrac gned for hould mate o be ma work ies.	es knit ing (s eration ESTIN t value for co erally acts w to ens e comp t sho manu I not b of the bade b done red du mateo g the	in the sar ee instruc n in Rema IATES AR es by the ontracts, th accepted vithin the sure that p oleted con- uld be rep factured s be reduced e value of y any crit- e during the y d work con- year. This	me tions arks a E he produ ntract shoul d by work eria ne ye vear a mple s valu
<u> </u>	<ul> <li>DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE</li> <li>General - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing gate stablishment should not report here. Also, operations solely involved in who Imported Garments below) should not complete this section, but should descrete Garments below) should not complete this section, but should descrete Garments below) should not complete this section, but should descrete Garments below) should not complete this section, but should descrete Garments below) should not complete this section, but should descrete Garments below is should be taken directly from your book recorn ACCEPTABLE.</li> <li>Valuation of Products - These instructions recognize that the assignment of aerospace industries differs from that followed by most manufacturing indust assignment of product shipment values should be determined by a choice be methods: the percentage of completion method and the completed contract nace are space industries are variations of "fixed price" or cost plus. These instructions are optical consistently in (inventories) and (2).</li> <li>Fixed price contracts - Work performed under a fixed price contract can be method or percentage of completion method. Under the completed contract rates a shipment when delivery of the product occurs. The cumulative value of the included in inventories gross of progress payments until delivered. (These amount of any progress payment.)</li> <li>Under the percentage of completion method, the value of shipments is based done during the period as a percentage of the total value of the contract. The established by management and in compliance with AICPA Statement of Posit which has not been reported as a shipment should be reported in work-in-procement of the profits for the contract. Value of work done may be based uping the year as a percentage of the total contract price or (b) net billings for should be reported for the value of product sho</li></ul>	Irments from Ilesaling, or in ribe the type of ds, REASONA f product ship ries. In accou tween the two nethod. Most tions are desir reported usin nethod, the co he products b inventories s upon an estin estimate can tion 81-1 Any poess inventor d reflect cost i ased on (a) th or work done the year whic d services per	fabric nportion of ope BLE E ment nting o gene contrac gned formate be ma work ies. ncurre during h has forme	e comp c shoit s value for cc erally acts w to ensign c sho manu l not b c done red du matec g the f not b c done	in the sar ee instruc n in Rema IATES AR es by the ontracts, th accepted within the sure that p pleted cor uld be rep factured s be reduced e value of ry any crit e during the y dwork cor year. This been repor	me tions arks a E he produ ntract borted should d by f work eria work eria ne ye rear a mplet s valu rted a
<u> </u>	<ul> <li>DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE</li> <li>General - This section covers the quantity and value of shipments of appare United States. Establishments knitting apparel items or cutting and sewing gate stablishment should not report here. Also, operations solely involved in who Imported Garments below) should not complete this section, but should describ RETURN THE REPORT.</li> <li>If the information as requested cannot be taken directly from your book record ACCEPTABLE.</li> <li>Valuation of Products - These instructions recognize that the assignment or aerospace industries differs from that followed by most manufacturing indust assignment of product shipment values should be determined by a choice be methods: the percentage of completion method and the completed contract n aerospace industries are variations of "fixed price" or cost plus. These instruct are reported consistently in <b>O</b> (inventories) and <b>O</b>.</li> <li>Fixed price contracts - Work performed under a fixed price contract can be method or percentage of completion method. Under the completed contract rates as shipment when delivery of the product occurs. The cumulative value of the beincluded in inventories gross of progress payments until delivered. (These amount of any progress payment.)</li> <li>Under the percentage of completion method, the value of shipments is based done during the period as a percentage of the total value of the contract. The established by management and in compliance with AICPA Statement of Posi which has not been reported as a shipment should be reported in work-in-process inventories.</li> <li>Konaerospace products - The value of work done on a cost plus contract should be during the year as a percentage of the total contract. Nalue of work done during the percentage of the value of work done on the billings for should be reported for the value of products shipped. Any work done during the percentage of the value of nonaerospace products shipped anot shipment should be reported for the value of produ</li></ul>	Irments from Ilesaling, or in ribe the type of ds, REASONA f product ship ries. In accou- tween the two nethod. Most tions are desi- reported usin nethod, the co- he products b inventories s upon an esti- estimate can tion 81-1 Any occess inventor d reflect cost i ased on (a) th or work done the year whic d services per- ve of freight cl rom materials	fabric nportion of ope BLE E ment nting o gene contra gned be ma hould mate o be ma work ies. ncurre during h has forme supp	es knit ing (s eration ESTIN c value for cc erally acts w to ensure c comp c sho manu l not b c done g the e and b e d sho es and blied b	in the sar ee instruc n in Rema IATES AR as by the portracts, the accepted vithin the sure that p poleted corruld be rep factured so be reduced a value of y any critic e during the y d work corry year. This been report pould be base excise ta: y this	me tions arks a E he produ ntract ortec should d by t work eria work eria te ye vear a s value rted a ased xes.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

**Contract Work** - Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census code 000930 0000 8.

**Products Bought and Sold Without Further Manufacture (Resales)** - On line 97 report the selling value, f.o.b. plant, of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment. Include aircraft engines, subassemblies or parts that were purchased from aircraft parts producers (or received from other establishments of your company) and resold by you as spare or replacement parts even though you may have repackaged them or performed certain other minor operations, such as covering them with a protective coating, etc. (The cost of such resold goods should be reported in **(P**), line B.)

**Detailed Data Reported Elsewhere** - Items denoted by an asterisk (\*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR form, the sum of the detailed products should equal the total reported on this form.

NOTE: Only totals are requested; do not duplicate detail reported on the CIR.

**Definitions of Research and Development** - Research and development includes research in the sciences and in engineering, and design and development of prototypes and processes. It does not include quality control, routine product testing, market research, sales promotion, sales service, research in the social sciences or psychology, or other nontechnological activities or technical services. Development includes technical activity concerned with nonroutine problems which are encountered in translating research findings or other general scientific knowledge into products or processes. Do not include routine technical services to customers or other items excluded from the definition of research and development.

No.	Products and services	Census product		Produ	l and other s	
e N	*Items correspond to products reported on Current Industrial Reports (CIR)	cod		١	/alue, f.o.b.	plant
Line				\$ Bil.	Mil.	Thou.
	0734	0730		0731		
	Complete aircraft					
	Military (including all aircraft for U.S. military; and any other aircraft built to military specifications). Exclude modification, conversion, and other aeronautical services to be reported below. Include materials consumed					
I	during 2002, labor, overhead, and profits in computing value of work done.	336411 1	100 1			
2	Civil (Corresponds to value of shipments reported on CIR Form M336G, Civil Aircraft and Aircraft Engines, for 2002, item code 1999)*	336411 3	3100 9			
	,,, _,					
3	Target drones	336413 5	350 4			
	Aeronautical services					
	Modification, conversion, and overhaul of previously accepted aircraft					
	For military customers (U.S. military and any other aircraft built to					
1	military specifications)	336411 5	5101 5			
5	For civilian customers	336411 5	5104 9			
	Other aeronautical services on complete aircraft (including receipts for research and development on aircraft; except missiles and engines; including receipts for work done for affiliates and other establishments of your company)					
	For military customers (U.S. military and any other aircraft built to military specifications)					
5	Research and development on complete aircraft	336411 7	101 3			
7	All other aeronautical services on complete aircraft	336411 7	104 7			
	For civilian customers					
8	Research and development on complete aircraft	336411 7	107 0			
9	All other aeronautical services on complete aircraft	336411 7	'111 2			

CONTINUE WITH 29 ON PAGE 13

-	mber (CFN) from the mailing address.						
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued						
No.	Products and services	Census product	Products shipped and oth receipts				
Line N	*Items correspond to products reported on Current Industrial Reports (CIR)	code	<u>۱</u>	plant			
Ľ			\$ Bil.	Mi	I.	Thou	
	0734	0730	0731				
	Aircraft engines and parts						
	Aircraft engines						
10	Military engines (for U.S. military aircraft and any other aircraft built to military specifications)	336412 1100 9					
	For civilian aircraft (Corresponds to value of shipments reported on CIR Form M336G, Civil Aircraft and Aircraft Engines, for 2002, item				1		
11	code 4299)*	336412 3100 7					
	Research and development work on aircraft engines (including receipts						
	for work done for affiliates and other establishments of your company)						
	For military engines (for U.S. military aircraft and any other aircraft						
12	built to military specifications)	336412 5101 3			-		
13	For civilian aircraft engines	336412 5104 7					
	All other aeronautical services on aircraft engines For military engines (for U.S. military aircraft and any other aircraft				1		
14	built to military specifications)	336412 5107 0					
16	For sidilar sizes from sizes	000410 5111 0			I		
15	For civilian aircraft engines	336412 5111 2					
	Aircraft engine parts and accessories						
	Military						
16	For spark ignition reciprocating or rotary internal combustion	336412 7101 1					
	ogoo						
17	For other engines	336412 7204 3					
	Civilian						
	For spark ignition reciprocating or rotary internal combustion						
18	engines	336412 7307 4					
19	For other engines	336412 7411 4					
	Aircraft hydraulic and pneumatic subassemblies Aerospace type hydraulic valves (Corresponds to value of shipments						
	reported on CIR Form MA333N, Fluid Power Products (Including						
20	Aerospace), for 2002, item codes 1281-1289)*	332912 1100 2					
	Aerospace type pneumatic valves (Corresponds to value of shipments						
21	reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002, item code 1291)*	332912 3100 0					
	Aerospace type fluid power (hydraulic and pneumatic) hose assemblies and fittings (Corresponds to value of shipments reported on CIR Form						
22	MA333N, Fluid Power Products (Including Aerospace), for 2002, item	222012 5100 7			I		
22	codes 2271-2277)*	332912 F100 7			1		

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Jo.	Products and services	Census product	Produc	ts shipped receipts	
Line No.	*Items correspond to products reported on Current Industrial Reports (CIR)	code	V	alue, f.o.b.	plant
Ľ			\$ Bil.	Mil.	Tho
	0734	0730	0731		-
	Aircraft hydraulic and pneumatic subassemblies - Continued				
	Fluid power pumps, motors, and hydrostatic transmission components				
	(including the value of the driver if shipped as a complete unit)				
23	(Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002, item codes 5581-5589)*	333996 7100 8			
	Parts and attachments for fluid power pumps, motors, and hydrostatic				
	transmissions (Corresponds to value of shipments reported on CIR Form MA333N, Fluid Power Products (Including Aerospace), for 2002, item				
24	codes 5591-5597)*	333996 9100 6			
	Aerospace type fluid power (hydraulic and pneumatic) cylinders and actuators (Corresponds to value of shipments reported on CIR Form				
	MA333N, Fluid Power Products (Including Aerospace), for 2002, item				
25	codes 4851-4877)*	333995 7100 0			
	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines				
	Aircraft mechanical power transmission equipment				
	For military aircraft (U.S. military aircraft and any other aircraft built				
26	to military specifications)	336413 5101 1			
27	For civilian aircraft	336413 5104 5		1 1	
	Aircraft landing gear				
	For military aircraft (U.S. military aircraft and any other aircraft built				
28	to military specifications)	336413 5207 6			
29	For civilian aircraft	336413 5211 8			
	Other aircraft subassemblies and parts, except aircraft propellers, helicopter rotors, and parts thereof				
30	For military aircraft (U.S. military aircraft and any other aircraft built to military specifications)	226412 5212 2			
30		336413 5313 2			
31	For civilian aircraft	336413 5416 3			
	Receipts from research and development on aircraft parts (except engines)				
32	For military aircraft parts (U.S. military aircraft and any other aircraft built to military specifications)	336413 3101 3	1		
33	For civilian aircraft parts	336413 3104 7			
	Aircraft propellers and helicopter rotors				
34	Complete propellers (excluding helicopter rotors)	336413 1101 5			
35	Propeller blades	336413 1104 9			
36	Propeller parts (except propeller blades)	336413 1107 2			
37	Helicopter rotors and parts	336413 1111 4			

CONTINUE WITH 2 ON PAGE 15

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22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued					
			Products shipped and ot receipts			
e No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	v	Value, f.o.b. plant		
Line			\$ Bil.	Mil.	Tho	
	0734	0730	0731			
	Guided missile systems (excluding propulsion)					
38	Complete missiles	336414 1100 5				
39	Research and development on complete missiles	336414 3100 3				
40	All other services on complete missiles	336414 5100 1				
	Space vehicles ( <i>Report communication satellites on line 79.</i> ) Space vehicles, complete (excluding propulsion system)					
41	For U.S. Government military customers	336414 7101 7				
42	For other customers	336414 7204 9				
	Research and development on complete space vehicles					
43	For U.S. Government military customers	336414 9101 5				
44	For other customers	336414 9104 9				
	All other services on complete space vehicles					
45	For U.S. Government military customers	336414 A101 3				
46	For other customers	336414 A104 7				
	Guided missile and space vehicle engines and/or propulsion units and parts Complete missile or space vehicle engines and/or propulsion units (Report the values for missile engines and space vehicle engines separately on lines 47, 48, and 49 if separable from the value reported on lines 38, 41, and 42. If not separable, note this fact in the "Remarks" section.)					
47	For U.S. Government military customers	336415 1101 0				
48	For U.S. Government nonmilitary customers	336415 1204 2				
49	For other customers	336415 1307 3		1		
	Research and development on complete missile or space vehicle engines and/or propulsion units					
50	For U.S. Government military customers	336415 3101 8				
51	For U.S. Government nonmilitary customers	336415 3104 2				
52	For other customers	336415 3107 5				

CONTINUE WITH **2** ON PAGE 16

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No.	Products and services	Census product	Products shipped and oth receipts			
Line <b>N</b>	*Items correspond to products reported on Current Industrial Reports (CIR)	code	Value, f.o.b.		1	
	0734	0730	\$ Bil. 0731	Mil.	Thou.	
	Guided missile and space vehicle engines and/or propulsion units and parts - Continued					
	All other services on complete missile or space vehicle engines and/or propulsion units					
53	For U.S. Government military customers	336415 5101 6				
54	For U.S. Government nonmilitary customers	336415 5104 0				
55	For other customers	336415 5107 3				
	Missile and space vehicle engine and/or propulsion unit parts and accessories					
56	For U.S. Government military customers	336415 7101 4				
57	For U.S. Government nonmilitary customers	336415 7104 8				
58	For other customers	336415 7107 1				
	Guided missile and space vehicle parts and auxiliary equipment, nec Missile and space vehicle components and subassemblies, nec For U.S. Government military customers				-	
59	Airframes	336419 1101 2				
60	Space capsules	336419 1104 6				
61	All other	336419 1207 7				
62	For U.S. Government nonmilitary customers	336419 1311 7				
63	For other customers	336419 1413 1				
	Research and development on missile and space vehicle components, nec					
	For U.S. Government military customers					
64	Airframes and space capsules	336419 3101 0				
65	All other	336419 3104 4		_		
66	For U.S. Government nonmilitary customers	336419 3107 7				
67	For other customers	336419 3111 9				
	Ammunition ordnance and accessories, nec		1			
68	Bombs, depth charges, mines, torpedoes, etc., and parts	332993 3101 8				
69	Rockets (other than guided missiles) and parts	332993 3206 5				
70	Artillery ammunition more than 30 mm, complete rounds, loaded	332993 1101 0				

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Nur	ot shown, please enter your 11-digit Census File mber (CFN) from the mailing address.				
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued				
No.	Products and services	Census product			
Line	*Items correspond to products reported on Current Industrial Reports (CIR)	code		/alue, f.o.b.	Í.
	0734	0730	\$ Bil. 0731	Mil.	Tho
	Turbines and turbine generator sets and parts				
72	Turbine generator sets (Include turbines shipped separately on line 73 and generators sold separately on line 75.)	333611 0101 8			
73	Gas turbines (except aircraft)	333611 0951 6			
74	Parts and accessories for gas turbines (except aircraft) sold separately .	333611 0761 9			
75	Turbine generators	333611 0871 6			
76	Parts and accessories for turbine generators (sold separately)	333611 0776 7			
77	Receipts for machine shop job work and job order repairs	332710 0100 1			
	Other special industry machinery and equipment and parts (including incandescent lamp making, paint making, stone working, semiconductor manufacturing machinery, printed circuit board manufacturing machinery, pharmaceutical, etc.) (Specify kind.)				
78		333298 7YWV 3			
79	Communication systems and equipment (excluding broadcast; including space satellite borne and mobile telephone communications equipment) (Corresponds to value of shipments reported on CIR Form MA334P, Communication Equipment, for 2002)*	334220 1100 8			
80	Search and detection, navigation and guidance systems and equipment (Corresponds to value of shipments reported on CIR Form MA334B, Selected Instruments and Related Products, for 2002)*	334511 3100 8			
81	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except aircraft engine instruments) (Corresponds to value of shipments reported on CIR Form MA334B, Selected Instruments and Related Products, for 2002)*	334511 1100 0			
82	Self-propelled ships, U.S. military, new construction	336611 3100 4			
	Railroad equipment and parts (Specify kind.)				
83		333911 WYWW 3			
	Tanks and self-propelled weapons				
84	Tanks and parts	336992 0111 8			
85	Self-propelled weapons and parts	336992 0214 0			
	Other full tracked combat vehicles and parts (including armored utility				

CONTINUE WITH 2 ON PAGE 18

## Form MC-33609

No.	Products and services	Census product	Produ	cts shippe receip	
Line No.	*Items correspond to products reported on Current Industrial Reports (CIR)	code	ν	alue, f.o.	b. plant
Lir	0734	0730	\$ Bil. 0731	Mil.	Tho
	All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value.				
87		18			
88		26			
89		34			
		42			
90		59			_
91		67			
92	l				_
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)				
93		000930 0000 8			
	Miscellaneous receipts				
94	Sales of scrap and refuse	000999 8013 8			
95	Receipts for research and development work not attributable to aircraft, aircraft engines; aircraft parts; missile systems, space vehicle systems; complete missile or space vehicle engines and/or propulsion units, and/ or missile and space vehicle components	000999 8041 9			
96	Other miscellaneous receipts	000999 8098 9			
97	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>(</b> ), line A2.)	000999 8900 6			
98	TOTAL (Should equal 4), line A)	770000 0000 8			
23	-25 Not Applicable.				
26	SPECIAL INQUIRIES				
	AEROSPACE CONTRACTS			Г	2000
				-	2002 Percent
	Percentage of your aerospace contracts (reported as value of shipments in variation of	$(oldsymbol{2})$ is based on a	a	r	(Repo nearest v percer
	1. Fixed price contract (using completed contract method)			8610	
	<b>2.</b> Fixed price contract (using percentage of completion method)			8611	
	<b>3.</b> Cost plus contract			8612	
	<b>4. TOTAL</b> (Sum lines 1 through 3)			[	100

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Form MC-33609						Р	age 19
If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.							
23 ESTABLISHMENT ACTIVITIES			This set is				
<ul> <li>A. Indicate activities that were performed by this establishment or were performed for this establishment by another company during 2002.</li> <li>(Mark "X" ALL that apply.)</li> </ul>	vere performed for this establishment by another company ing 2002. By this establishment of this				Not a	t all	
<b>1.</b> Product design/engineering	0921		8071	0941		0961	
2. Order fulfillment			-				
<ul> <li>Bundling or kitting (combining multiple items into a prepackaged product)</li> </ul>	0923		8072	0943		0963	
<b>b.</b> Pick and pack (taking goods from inventory and packaging them to fill orders).	0924		8073	0944		0964	
<b>c.</b> Warehousing of finished products	0925		8074	0945		0965	
<b>d.</b> Breaking bulk (reducing large shipments into smaller portions for customers)	0926		8075	0946		0966	
<ul> <li>Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas)</li> </ul>	0927		8076	0947		0967	
f. Long distance delivery (beyond local areas and commercial zones).	0928		8077	0948		0968	
g. Processing of returned merchandise	0932		8078	0952		0972	]
<b>B.</b> During 2002 did this establishment:							
1. Manage inventory owned by this establishment AND held at this location?	0936	Yes	S	0937	🗆 No	)	
2. Manage inventory owned by this establishment BUT held at a customer's location?.	0956	Yee	S	0957	□ No	)	
<b>3.</b> Manage inventory owned by another company BUT held at this location?	0976	□ Ye	S	0977	□ No	)	
<b>4.</b> Manage inventory owned by another company AND held somewhere other than at this location?	0994	Yes	S	0995	□ No	)	
5. Contract with another firm for any of your production using materials owned by this location?	8041	Yee	S	8042	□ No	)	
<b>6.</b> Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion?	8044	Ye:	S	8045	□ No	)	
7. Manufacture products for a government to their specifications?	8047	Yes	S	8048	□ No	)	
8. Manufacture products for another business to their specifications?	8016	Yes	S	8017	□ No	)	
<b>9.</b> Manufacture products for a final retail customer to their specifications?	8060	Yee	S	8062	□ No	)	

<b>29</b> OF	PERAT															
Ac (M	tivity lark "2	that bes K" only C	t describ DNE box.	es this )	establis	shment's	s statu	s at the	e end of	2002						
001	1	In oper	ation	00	013	Tempo	rarily	or seas	onally in	active						
001	2	Under o develop explora	construct oment, o tion	r	014	Sold or <i>Give da</i>	r lease ate at	d to an right Al	Give date other op ND enter below	erator - <i>new na</i>		→ →	018 M	onth	Day	\ 
	00	Name o	of new ow	vner or c	operator				0061 E	mployer l	dentificatio	on Num	ber			
										nter EIN o wner <i>(9 o</i>		•	-			
	00	<sup>32</sup> Mailing	address	(numbe	r and sti	reet, P.O.	Box, et	tc.)								
	00	3 City to	wn, villag	e etc							0064 Sta	1te 0065	ZIP (	Code		
		, o Only, to	wii, viilag	0, 010.											-	Ì
											erstandin					
<b>30</b> CE	RTIFI	CATION	- This re	port is a	substar	ntially ac	ccurate	and w	as prepa	ared in a	ccordance	e with	the ir	nstruc	tions.	
Is the tir			ered by t	his rep	ort a ca	ntially ac alendar y period co	year?		as prepa FROM	Month	ccordance Year	e with	the ir	1	tions.	
Is the tir	ne pe Yes	riod cov	ered by t	his rep o - Ente	ort a ca r time	alendar y period co	year?	1_→	FROM	Month		e with		1		
Is the tir 0078	ne pe Yes le of p	riod cov oors erson to c	ered by t	his rep - Ente garding	ort a ca r time	alendar y period co ort	year?	1_→	FROM 007/ 1073 Title	Month	Year	e with	то	1		
Is the tir 0078 0072 Nam	ne pe Yes e of p	riod cov oors erson to c e e 0074	ontact rea	his rep - Ente garding	ort a ca r time   this rep	alendar y period co ort	year?		FROM 007/ 1073 Title	Month	Year		TO	0071	Month Nun	nber
Is the tir 0078	ne pe Yes e of p	riod cov oors erson to c e e 0074	ontact rea	his rep - Ente garding	ort a ca r time   this rep	alendar y period co ort	year?		FROM 007/ 1073 Title	Month	Year /	Area co	TO	1	Month	