

CURRENT INDUSTRIAL REPORTS SERIES

2007 MA334D — DEFENSE, NAVIGATIONAL, AND AEROSPACE ELECTRONICS DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers manufacturers of defense, navigational, and aerospace electronics and related products.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Value of shipments

The figures on value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Value of shipments should be reported in thousands of dollars.

Include:

- (1) All shipments, whether for domestic use or for export.
- (2) Shipments on consignments as well as for sale.

(3) Interplant transfers in which products are shipped from one plant of your company to another plant or sales branch.

(4) Private brand units as well as your own company brand units.

Exclude:

(1) Products manufactured for you by others

(2) Products bought and resold without further manufacture by your company

(3) Imports which are reshipped without further domestic manufacture

b. Research and development

Dollar shipments should reflect income from development, design, and engineering services performed by the reporting plant in connection with the manufacture of the products shipped, whether included in a single production contract, or contracted for separately, but intended as preparation for the manufacture of the specific products.

c. Columnar structure of report

When entering your figures on the report form, please be sure to report the information in the correct column as follows:

Column 1 — Value (report shipments in thousands of dollars. Example: \$1,000,000, report as \$1,000)

3. Definitions

The product detail for this survey, as shown in the Reference List, is defined according to standard nomenclature for this survey.

CURRENT INDUSTRIAL REPORTS SERIES

MA334D

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below.

Current Industrial Reports (Form MA334D) Item codes (a)	Economic Census - Manufacturing Sector Product codes (b)
4106 through 4162	3345111100
4202 through 4390	3345113100
6101 through 6119	3345192100
7177	3333197100
8379 through 8398	3333141100

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MA334D		DEFENSE, NAVIGATIONAL, AND AEROSPACE ELECTRONICS
Product code	Item code	Item description
AERONAUTICAL, NAUTICAL, AND NAVIGATIONAL INSTRUMENTS, EXCLUDING AIRCRAFT ENGINE INSTRUMENTS		
3345111106	4106	Compasses, altimeters, and airspeed indicators
3345111111	4114	Acceleration indicators, rate-of-climb and angle-of-attack indicators, and artificial horizon flight instruments
3345111115	4122	Other aerospace navigational instruments
3345111226	4130	Gyroscopes, sold separately
3345111232	4138	Airframe equipment instruments
3345111233	4146	Other aerospace flight instruments
3345111335	4154	Nautical instruments
3345111437	4162	Parts and components
3345111100	4199	Total aeronautical, nautical, and navigational instruments, excluding aircraft engine instruments (sum of item codes 4106—4162)
SEARCH, DETECTION, NAVIGATION AND GUIDANCE SYSTEMS AND EQUIPMENT		
3345113101	4202	Light reconnaissance and surveillance electronic systems and equipment
3345113103	4204	IFF equipment
3345113207	4210	Search, detection, and acquisition radar systems and equipment: airborne and missile/space
3345113212	4217	Other search, detection, and acquisition radar systems and equipment
3345113318	4231	Tracking radar systems and equipment (fire control, bombing, bombing navigational radar aircraft and missile tracking radar, etc.)
3345113325	4237	Instrumentation radar systems and equipment (altimeters, highway speed control radar, missile and space satellite tracing range radar, GCA and other precision approach radar, etc.)
3345113426	4251	Sonar search, detection, tracing, and communications systems and equipment, guidance, including ASM (sonar telephone, communication equipment, depth finding, fire control, fusing, hydrophones, mapping, sonabuys, navigation, sonar fish finders, sonar range instrumentation, etc.)
3345113428	4257	Electronic checkout and monitoring equipment for radar, sonar search, detection, and communication systems and equipment
3345113433	4258	Specialized command and control equipment
3345113436	4267	Other search, detection, identification, and tracking systems and equipment
3345113437	4272	Countermeasures equipment: jamming, communications and radar
3345113441	4278	Other countermeasures equipment
3345113443	4282	Specialized electronic and communications intelligence equipment
3345113545	4312	Missile borne and space vehicle guidance systems
3345113547	4322	Nonmissile and space vehicle guidance systems

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MA334D		
Product code	Item code	Item description
SEARCH, DETECTION, NAVIGATION, AND GUIDANCE SYSTEMS AND EQUIPMENT—Continued		
3345113549	4332	Electronic checkout, launching, and other missile and space support systems
3345113651	4342	Airborne navigational systems: radio navigation receivers and displays
3345113653	4344	Airborne navigational systems: airborne integrated data systems/flight recorders
3345113661	4362	Airborne navigational systems: inertial navigation systems
3345113663	4364	Airborne navigational systems: proximity warning/collision avoidance equipment
3345113667	4368	Other airborne navigational systems
3345113669	4372	Surface (ship and ground) navigational systems
3345113673	4382	Electronic checkout, monitoring, evaluation, and other electronic support equipment for navigational systems and equipment
3345113681	4390	All other search and detection navigation and guidance systems and equipment not specified
3345113100	4399	Total search, detection, navigation and guidance systems and equipment (sum of item codes 4202—4390)
AIRCRAFT ENGINE INSTRUMENTS, EXCLUDING FLIGHT		
3345192101	6101	Temperature sensors, transmitters, and displays
3345192104	6104	Pressure ratio and vacuum sensors, transmitters, controls, and displays
3345192114	6117	All other aircraft engine instruments
3345192115	6119	Parts and components
3345192100	6129	Total aircraft engine instruments (sum of item codes 6101—6119)
3333197100	7177	ELECTRONIC TRAINERS AND SIMULATORS Electronic trainers and simulators, teaching machines, and teaching aids, including kits
SIGHTING, TRACKING, AND FIRE CONTROL EQUIPMENT, OPTICAL-TYPE		
3333141101	8379	Made from lenses, prism, etc., produced in this plant
3333141103	8389	Made from purchased lenses, prisms, etc.
3333141104	8390	Sighting and tracking laser systems
3333141106	8395	Night visions goggles and equipment
3333141109	8398	Parts and accessories
3333141100	8399	Total sighting, tracking, and fire control equipment (sum of item codes 8379—8398)
SELECTED NONMANUFACTURING REVENUES		
9999998900	9945	Resales—Sales of products bought and sold without further manufacture, processing, or assembly
9997372000	9960	Software services
9997377230	9965	Systems integration revenues, including configuration, installation and site preparation, and custom programming
9999998041	9970	Research and development, testing and evaluation of systems and components