

ESTTA Tracking number: **ESTTA549365**

Filing date: **07/18/2013**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

**Notice of Opposition**

Notice is hereby given that the following party opposes registration of the indicated application.

**Opposer Information**

Name	The Boeing Company
Granted to Date of previous extension	07/24/2013
Address	2201 Seal Beach Blvd. Seal Beach, CA 90740 UNITED STATES

Attorney information	HEIDI SACHS PERKINS COIE LLP 1201 3RD AVENUE, SUITE 4900 SEATTLE, WA 98101 UNITED STATES pctrademarks@perkinscoie.com Phone:206-359-8000
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**Applicant Information**

Application No	85758235	Publication date	03/26/2013
Opposition Filing Date	07/18/2013	Opposition Period Ends	07/24/2013
Applicant	ZHUHAI CITY BOIINGSAT ELECTRONIC TECHNOLOGY LIMITED 2ND FL, No.5 Factory Of Pingdong Five Rd Nanping Science And Technology Park Xiangzhou Qu,Zhuhai, CHINA		

**Goods/Services Affected by Opposition**

Class 009. First Use: 2009/03/27 First Use In Commerce: 2010/07/28 All goods and services in the class are opposed, namely: Aerials; Antennas; Day and night vision systems primarily comprising day and night sensors, day and night cameras, power sources, communication means, monitors and operating software; Electric wire and cable; Electric wires; Modems; Satellites for scientific purposes; Transmitters of electronic signals; Transponders; Wavemeters
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**Grounds for Opposition**

False suggestion of a connection	Trademark Act section 2(a)
Priority and likelihood of confusion	Trademark Act section 2(d)
Dilution	Trademark Act section 43(c)

**Marks Cited by Opposer as Basis for Opposition**

U.S. Registration	3792065	Application Date	03/18/2009
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No.			
Registration Date	05/25/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 038. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Telecommunications consultation; satellite communication consultation services		

U.S. Registration No.	1352503	Application Date	11/30/1983
Registration Date	08/06/1985	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 009. First use: First Use: 1982/07/01 First Use In Commerce: 1982/07/01 SUNGLASSES		

U.S. Registration No.	1446019	Application Date	09/15/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 008. First use: First Use: 1980/08/04 First Use In Commerce: 1980/08/04 TOOL KITS COMPRISING SCREWDRIVERS, HAMMERS, FILES, KNIVES AND OTHER HAND TOOLS		

U.S. Registration No.	1446102	Application Date	09/26/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 009. First use: First Use: 1981/01/23 First Use In Commerce: 1981/01/23 [ COMPASSES, THERMOMETERS, ] METRIC CONVERTERS, DIGITAL CALCULATORS, TIME ZONE CALCULATORS, TAPE MEASURES		

U.S. Registration No.	1446237	Application Date	09/26/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		

Design Mark	
Description of Mark	NONE
Goods/Services	Class 011. First use: First Use: 1980/03/20 First Use In Commerce: 1980/03/20 FLASHLIGHTS

U.S. Registration No.	1444055	Application Date	09/15/1986
Registration Date	06/23/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 014. First use: First Use: 1975/05/14 First Use In Commerce: 1975/05/14 CLOCKS, BRACELETS, LAPEL PINS, SILVER INGOTS, TIE TACS, AND TIE BARS		

U.S. Registration No.	1446351	Application Date	09/15/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 016. First use: First Use: 1975/03/31 First Use In Commerce: 1975/03/31 CALENDARS, NOTEBOOKS, [ DIARIES, ] BOOKS, PENS, PENCILS, PEN AND PENCIL SETS, [ ADDRESS BOOKS, ] PLAYING CARDS, [ POINTERS, ] [ PHOTO ALBUMS, ] STICKERS, POSTERS, POST CARDS, [ NOTE PAD CASES, ] DESK SETS [ AND WORLD TIME CHARTS ]		

U.S. Registration No.	1446432	Application Date	09/12/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 018. First use: First Use: 1975/01/16 First Use In Commerce: 1975/01/16 BRIEF CASES, TOTE BAGS, TRAVEL BAGS, LUGGAGE TAGS, BRIEFCASE-TYPE PORTFOLIO, [ KEYCASES, ] MEN'S AND LADIES' WALLETS, PASSPORT HOLDERS, BUSINESS CARD CASES, UMBRELLAS [ , AND TRAVEL-SIZE COSMETIC CASES SOLD EMPTY ]		

U.S. Registration No.	1446455	Application Date	09/12/1986
Registration Date	07/07/1987	Foreign Priority Date	NONE
Word Mark	BOEING		

Design Mark	
Description of Mark	NONE
Goods/Services	Class 020. First use: First Use: 1985/09/10 First Use In Commerce: 1985/09/10 KEY HOLDERS [ AND NON-METALLIC MONEY CLIPS ]

U.S. Registration No.	1436475	Application Date	09/15/1986
Registration Date	04/14/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 021. First use: First Use: 1985/05/23 First Use In Commerce: 1985/05/23 COFFEE MUGS [ AND PNEUMATIC CORKSCREWS ]		

U.S. Registration No.	1447626	Application Date	09/12/1986
Registration Date	07/14/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 025. First use: First Use: 1975/02/14 First Use In Commerce: 1975/02/14 CAPS, T-SHIRTS, AND JACKETS		

U.S. Registration No.	1447692	Application Date	09/12/1986
Registration Date	07/14/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 026. First use: First Use: 1976/07/19 First Use In Commerce: 1976/07/19 [BELT BUCKLES AND] EMBROIDERED ORNAMENTAL PATCHES TO BE WORN ON CLOTHING		

U.S. Registration No.	1445327	Application Date	09/26/1986
Registration Date	06/30/1987	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 028. First use: First Use: 1978/11/28 First Use In Commerce: 1978/11/28		

	GOLF BALLS, TENNIS BALLS, GOLF TEES, AND MOBILES FOR CHILDREN		
U.S. Registration No.	882041	Application Date	04/29/1968
Registration Date	12/09/1989	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class U019 (International Class 007, 012, 022, 027). First use: First Use: 1923/09/00 First Use In Commerce: 1923/09/00 AIRPLANES [ AND PARTS THEREOF ]		
U.S. Registration No.	1402994	Application Date	01/07/1986
Registration Date	07/29/1986	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 009. First use: First Use: 1971/11/15 First Use In Commerce: 1971/11/15 COMPUTER PROGRAMS		
U.S. Registration No.	1419419	Application Date	01/07/1986
Registration Date	12/02/1986	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 035. First use: First Use: 1970/10/21 First Use In Commerce: 1970/10/21 BUSINESS MANAGEMENT SERVICES IN THE FIELD OF COMMUNICATIONS, NETWORKS AND FACILITIES Class 038. First use: First Use: 1970/10/21 First Use In Commerce: 1970/10/21 CONSULTING SERVICES IN THE FIELD OF COMMUNICATIONS Class 041. First use: First Use: 1970/10/21 First Use In Commerce: 1970/10/21 EDUCATIONAL SERVICES, NAMELY, PROVIDING TRAINING IN THE FIELD OF COMPUTERS AND COMMUNICATIONS Class 042. First use: First Use: 1970/10/21 First Use In Commerce: 1970/10/21 DESIGN, CONSULTING AND INFORMATION SERVICES IN THE FILED OF COMPUTERS; COMPUTER TIME-SHARING SERVICES		
U.S. Registration No.	1839345	Application Date	06/21/1993
Registration Date	06/14/1994	Foreign Priority Date	NONE
Word Mark	BOEING		

Design Mark	
Description of Mark	NONE
Goods/Services	Class 014. First use: First Use: 1991/11/27 First Use In Commerce: 1991/11/27 watches Class 021. First use: First Use: 1991/11/27 First Use In Commerce: 1991/11/27 [ marble decorative boxes ]

U.S. Registration No.	1839453	Application Date	06/21/1993
Registration Date	06/14/1994	Foreign Priority Date	NONE

Word Mark	BOEING
Design Mark	
Description of Mark	NONE
Goods/Services	Class 021. First use: First Use: 1992/01/13 First Use In Commerce: 1992/01/13 [commemorative plates,] plastic sports bottles sold empty, portable beverage coolers

U.S. Registration No.	1839462	Application Date	06/21/1993
Registration Date	06/14/1994	Foreign Priority Date	NONE

Word Mark	BOEING
Design Mark	
Description of Mark	NONE
Goods/Services	Class 024. First use: First Use: 1992/01/31 First Use In Commerce: 1992/01/31 beach towels and sports towels

U.S. Registration No.	1837946	Application Date	06/22/1993
Registration Date	05/31/1994	Foreign Priority Date	NONE

Word Mark	BOEING
Design Mark	
Description of Mark	NONE
Goods/Services	Class 025. First use: First Use: 1991/12/11 First Use In Commerce: 1991/12/11 sweatshirts, sweatpants, polo shirts, rugby shirts, and sweaters

U.S. Registration No.	1839505	Application Date	06/21/1993
Registration Date	06/14/1994	Foreign Priority Date	NONE

Word Mark	BOEING
Design Mark	
Description of Mark	NONE

Goods/Services	Class 028. First use: First Use: 1991/10/23 First Use In Commerce: 1991/10/23 soft sport footballs and stuffed toy animals		
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U.S. Registration No.	3097506	Application Date	11/12/2004
Registration Date	05/30/2006	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 035. First use: First Use: 2001/07/01 First Use In Commerce: 2001/07/01 Retail store services and on-line retail store services, all featuring clothing, gift and travel items		

U.S. Registration No.	3341272	Application Date	08/02/2005
Registration Date	11/20/2007	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 037. First use: First Use: 1923/09/30 First Use In Commerce: 1923/09/30 Repair and maintenance of aircraft and aircraft parts		

U.S. Registration No.	3748622	Application Date	03/02/2009
Registration Date	02/16/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 006. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Key holders made of metal		

U.S. Registration No.	3741910	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 008. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Folding hand tools, namely, pliers, knives, tweezers, screwdrivers, files, and scissors; screwdrivers		

U.S. Registration	3756832	Application Date	03/02/2009
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No.			
Registration Date	03/09/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 009. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Tape measures; decorative magnets; pedometers; digital calculators; time zone calculators; software in the nature of computer screen savers; computer mouse pads; and prerecorded video and audio recordings, computer software, computer programs and instructional materials sold therewith as a unit, all featuring information about aircraft, aircraft parts, aviation, avionics, aerospace products, or maintenance, operation, repair or training associated with aircraft and/or aerospace products, parts, or support equipment		

U.S. Registration No.	3741909	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 011. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Flashlights; outdoor portable lighting products, namely, headlamps		

U.S. Registration No.	3741908	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 012. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Airplanes, and manuals sold therewith as a unit		

U.S. Registration No.	3741907	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 014. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Watches; clocks; alarm clocks; lapel pins		

U.S. Registration	3766212	Application Date	03/02/2009
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No.			
Registration Date	03/30/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 016. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Printed matter, namely, books and manuals in the field of aviation and avionics; pens; pencils; stickers; posters; photographs		

U.S. Registration No.	3766211	Application Date	03/02/2009
Registration Date	03/30/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 018. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Tote bags; travel bags; backpacks; luggage tags; passport holders; umbrellas		

U.S. Registration No.	3741906	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 020. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Non-metallic key holders; picture frames		

U.S. Registration No.	3741905	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 021. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Coffee mugs; travel mugs; plastic sports bottles sold empty; temperature retaining vessels		

U.S. Registration No.	3748625	Application Date	03/02/2009
Registration Date	02/16/2010	Foreign Priority Date	NONE
Word Mark	BOEING		

Design Mark	
Description of Mark	NONE
Goods/Services	Class 024. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Towels and blanket throws

U.S. Registration No.	3748626	Application Date	03/02/2009
Registration Date	02/16/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 025. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Caps; hats; shirts; t-shirts; jackets; sweatshirts; polo shirts; wind jackets; wind shirts		

U.S. Registration No.	3741911	Application Date	03/02/2009
Registration Date	01/26/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 028. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Toy model airplanes; toy and scale model airplanes for display; toy and scale model airplanes in kit form; golf balls; golf putter set comprised of golf putter, golf balls and putting cup; golf tees; stuffed toys; play sets for children; toy gliders; marbles; remote controlled toys, namely, airplanes		

U.S. Registration No.	3770071	Application Date	03/05/2009
Registration Date	04/06/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 035. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Business management and business consultation in the field of aviation, aerospace, communications and travel; promoting the services of others, namely, the services of the airline industry through the distribution of printed, audio and visual promotional materials and by rendering sales promotion advice; conducting employee incentive award programs to promote on-the-job quality and productivity; promoting sports competitions and/or events of others; retail store services featuring gifts and travel items; online retail store services featuring gifts and travel items; charitable services, namely, sponsoring in the nature of organizing and conducting volunteer programs and community service projects		

U.S. Registration No.	3770072	Application Date	03/05/2009
Registration Date	04/06/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 036. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Financing services; aircraft financing services; financial information and advisory services; financial consultation; financial management in field of financial arrangement and financial structuring; financial management of lease agreements; financial sponsorship of volunteer programs and community service projects		

U.S. Registration No.	3770073	Application Date	03/05/2009
Registration Date	04/06/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 037. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Repair and maintenance of aircraft and aircraft parts; technical support services, namely, providing technical advice in the field of aircraft overhaul, repair operation, maintenance, or modification		

U.S. Registration No.	3770074	Application Date	03/05/2009
Registration Date	04/06/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 039. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Travel and transportation arrangement services, namely, making reservations and bookings for the transportation of others; leasing of aircraft		

U.S. Registration No.	3766305	Application Date	03/18/2009
Registration Date	03/30/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 040. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Custom manufacture of aircraft		

U.S. Registration No.	3809101	Application Date	03/05/2009
Registration Date	06/29/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 041. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Education services in the nature of providing training and conferences in the field of the operation, maintenance, repair, and overhaul of aircraft, and distributing course material in connection therewith		

U.S. Registration No.	3770089	Application Date	03/05/2009
Registration Date	04/06/2010	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 042. First use: First Use: 2009/02/23 First Use In Commerce: 2009/02/23 Product research; design and testing of new products for others; technical consultation and assistance related to the design of aircraft and aircraft parts; custom design of aircraft; technical consultation related to aerospace engineering; technical consultation and assistance related to the certification, operation, overhaul or modification of aircraft and aircraft parts, namely, design of aircrafts and aircraft parts for others; inspection of aircraft and aircraft parts		

U.S. Registration No.	2668116	Application Date	03/09/2001
Registration Date	12/31/2002	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 036. First use: First Use: 1935/00/00 First Use In Commerce: 1949/00/00 [ Credit union services;] financing services; [ banking services; ] lease financing services; [ mortgage and consumer lending services; commercial lending services; financial services; namely, financial planning; investment advisor services; investment brokerage;] financial management and consultation [; insurance underwriting services in the fields of life, credit, disability, automobile and aviation; and underwriting warranty programs in the field of aviation ]		

U.S. Registration No.	3327572	Application Date	03/28/2006
Registration Date	10/30/2007	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			

Description of Mark	NONE
Goods/Services	Class 016. First use: First Use: 1930/01/31 First Use In Commerce: 1930/01/31 NEWSLETTERS IN THE FIELD OF AVIATION AND AEROSPACE PRODUCTS

U.S. Registration No.	1674151	Application Date	03/18/1991
Registration Date	02/04/1992	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 012. First use: First Use: 1981/08/04 First Use In Commerce: 1981/08/04 airplanes [, helicopters and structural parts therefor]		

U.S. Registration No.	3105282	Application Date	05/25/2005
Registration Date	06/13/2006	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	The mark consists of the word BOEING in script with the "i" in the word dotted with a star.		
Goods/Services	Class 014. First use: First Use: 2006/03/09 First Use In Commerce: 2006/03/09 Clocks and watches		

U.S. Registration No.	3262517	Application Date	05/25/2005
Registration Date	07/10/2007	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	The mark consists of the word BOEING in script with the "i" in the word dotted with a star.		
Goods/Services	Class 025. First use: First Use: 2006/03/09 First Use In Commerce: 2006/03/09 Clothing, namely, headwear and jackets		

U.S. Registration No.	2255990	Application Date	08/01/1997
Registration Date	06/22/1999	Foreign Priority Date	NONE
Word Mark	BOEING		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 006. First use: First Use: 1997/09/01 First Use In Commerce: 1997/09/01 [ money clips and ] key holders made of metal		

Attachments	Notice of Opposition.pdf(2344404 bytes ) Exhibits.pdf(2344404 bytes )
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### **Certificate of Service**

The undersigned hereby certifies that a copy of this paper has been served upon all parties, at their address record by Overnight Courier on this date.

Signature	/Winfield B. Martin/
Name	Winfield B. Martin, Attorney of Record
Date	07/18/2013

# **Exhibit A**

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	009	Sunglasses	1,352,503	8/6/1985
BOEING	Registered	028	Toy model airplanes, model airplanes for display, toy and model airplanes in kit form	1,283,493	6/26/1984
BOEING	Registered	008	Tool kits comprising screwdrivers, hammers, files, knives and other hand tools	1,446,019	7/7/1987
BOEING	Registered	009	Metric converters, digital calculators, time zone calculators, tape measures	1,446,102	7/7/1987
BOEING	Registered	011	Flashlights	1,446,237	7/7/1987
BOEING	Registered	014	Clocks, bracelets, lapel pins, silver ingots, tie tacs, and tie bars	1,444,055	6/23/1987
BOEING	Registered	016	Calendars, notebooks, books, pens, pencils, pen and pencil sets, playing cards, stickers, posters, post cards, desk sets	1,446,351	7/7/1987
BOEING	Registered	018	Brief cases, tote bags, travel bags, luggage tags, briefcase-type portfolio, men's and ladies' wallets, passport holders, business card cases, umbrellas	1,446,432	7/7/1987
BOEING	Registered	020	Key holders	1,446,455	7/7/1987
BOEING	Registered	021	Coffee mugs	1,436,475	4/14/1987
BOEING	Registered	025	Caps, t-shirts, and jackets	1,447,626	7/14/1987
BOEING	Registered	026	Embroidered ornamental patches to be worn on clothing	1,447,692	7/14/1987
BOEING	Registered	028	Golf balls, tennis balls, golf tees, and mobiles for children	1,445,327	6/30/1987
BOEING	Registered	012	Airplanes	882,041	12/9/1989
BOEING	Registered	009	Computer programs	1,402,994	7/29/1986
BOEING	Registered	035, 038, 041, 042	CI. 35: Business management services in the field of communications, networks and facilities CI. 38: Consulting services in the field of communications	1,419,419	12/2/1986

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			Cl. 41: Educational services, namely, providing training in the field of computers and communications		
BOEING	Registered	014	Watches	1,839,345	6/14/1994
BOEING	Registered	021	Plastic sports bottles sold empty, portable beverage coolers	1,839,453	6/14/1994
BOEING	Registered	024	Beach towels and sports towels	1,839,462	6/14/1994
BOEING	Registered	025	Sweatshirts, sweatpants, polo shirts, rugby shirts, and sweaters	1,837,946	5/31/1994
BOEING	Registered	028	Soft sport footballs and stuffed toy animals	1,839,505	6/14/1994
BOEING	Registered	035	Retail store services and on-line retail store services, all featuring clothing, gift and travel items	3,097,506	5/30/2006
BOEING	Registered	037	Repair and maintenance of aircraft and aircraft parts	3,341,272	11/20/2007
BOEING	Registered	006	Key holders made of metal	3,748,622	2/16/2010
BOEING	Registered	008	Folding hand tools, namely, pliers, knives, tweezers, screwdrivers, files, and scissors; screwdrivers	3,741,910	1/26/2010
BOEING	Registered	009	Tape measures; decorative magnets; pedometers; digital calculators; time zone calculators; software in the nature of computer screen savers; and computer mouse pads; and prerecorded video and audio recordings; computer software, computer programs and instructional materials sold therewith as a unit; all featuring information about aircraft, aircraft parts, aviation, avionics, aerospace products, or maintenance, operation, repair or training associated with aircraft and/or aerospace products, parts, or support equipment	3,756,832	3/9/2010
BOEING	Registered	011	Flashlights; outdoor portable lighting products, namely, headlamps	3,741,909	1/26/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	012	Airplanes, and manuals sold therewith as a unit	3,741,908	1/26/2010
BOEING	Registered	014	Watches; clocks; alarm clocks; lapel pins	3,741,907	1/26/2010
BOEING	Registered	016	Printed matter, namely, books and manuals in the field of aviation and avionics; pens; pencils; stickers; posters; photographs	3,766,212	3/30/2010
BOEING	Registered	018	Tote bags; travel bags; backpacks; luggage tags; passport holders; umbrellas	3,766,211	3/30/2010
BOEING	Registered	020	Non-metallic key holders; picture frames	3,741,906	1/26/2010
BOEING	Registered	021	Coffee mugs; travel mugs; plastic sports bottles sold empty; temperature retaining vessels	3,741,905	1/26/2010
BOEING	Registered	024	Towels and blanket throws	3,748,625	2/16/2010
BOEING	Registered	025	Caps; hats; shirts; t-shirts; jackets; sweatshirts; polo shirts; wind jackets; wind shirts	3,748,626	2/16/2010
BOEING	Registered	028	Toy model airplanes; toy and scale model airplanes for display; toy and scale model airplanes in kit form; golf balls; golf putter set comprised of golf putter, golf balls and putting cup; golf tees; stuffed toys; play sets for children; toy gliders; marbles; remote controlled toys, namely, airplanes	3,741,911	1/26/2010
BOEING	Registered	035	Business management and business consultation in the field of aviation, aerospace, communications and travel; promoting the services of others, namely, the services of the airline industry through the distribution of printed, audio and visual promotional materials and by rendering sales promotion advice; conducting employee incentive award programs to promote on-the-job quality and productivity; promoting sports competitions and/or events of others; retail store services featuring gifts and travel items; online retail store services featuring gifts and travel items; charitable services, namely, sponsoring in the nature of organizing and conducting volunteer programs and community	3,770,071	4/6/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			service projects		
BOEING	Registered	036	Financing services; aircraft financing services; financial information and advisory services; financial consultation; financial management in field of financial arrangement and financial structuring; financial management of lease agreements; financial sponsorship of volunteer programs and community service projects	3,770,072	4/6/2010
BOEING	Registered	037	Repair and maintenance of aircraft and aircraft parts; technical support services, namely, providing technical advice in the field of aircraft overhaul, repair operation, maintenance, or modification	3,770,073	4/6/2010
BOEING	Registered	038	Telecommunications consultation; satellite communication consultation services	3,792,065	5/25/2010
BOEING	Registered	039	Travel and transportation arrangement services, namely, making reservations and bookings for the transportation of others; leasing of aircraft	3,770,074	4/6/2010
BOEING	Registered	040	Custom manufacture of aircraft	3,766,305	3/30/2010
BOEING	Registered	041	Education services in the nature of providing training and conferences in the field of the operation, maintenance, repair, and overhaul of aircraft, and distributing course material in connection therewith	3,809,101	6/29/2010
BOEING	Registered	042	Product research; design and testing of new products for others; technical consultation and assistance related to the design of aircraft and aircraft parts; custom design of aircraft; technical consultation related to aerospace engineering; technical consultation and assistance related to the certification, operation, overhaul or modification of aircraft and aircraft parts, namely, design of aircrafts and aircraft parts for others; inspection of aircraft and aircraft parts	3,770,089	4/6/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	036	Financing services; lease financing services; financial management and consultation	2,668,116	12/31/2002
Boeing	Registered	016	Newsletters in the field of aviation and aerospace products	3,327,572	10/30/2007
<b>BOEING</b>	Registered	012	Airplanes	1,674,151	2/4/1992
<i>Boeing</i>	Registered	014	Clocks and watches	3,105,282	6/13/2006
<i>Boeing</i>	Registered	025	Clothing, namely, headwear and jackets	3,262,517	7/10/2007
<i>BOEING</i>	Registered	006	Key holders made of metal	2,255,990	6/22/1999
<i>BOEING</i>	Registered	008	Forks; spoons; folding hand tools, namely, pliers, knives, screwdrivers, files, can openers, scissors; tool kits comprised of hand tools, namely, screwdrivers, knives, pliers, socket sets	2,259,909	7/6/1999
<i>BOEING</i>	Registered	009	Video and audio recordings, computer software, computer programs and instructional material sold therewith as a unit, all featuring information about aircraft, aircraft parts, aviation, avionics, aerospace products, or maintenance, operation, repair	2,254,288	6/15/1999

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			or training associated with aircraft and/or aerospace products, parts; digital calculators; time zone calculators; sunglasses; computer mouse pads		
	Registered	011	Flashlights; lanterns	2,257,845	6/29/1999
	Registered	012	Aircraft and manuals sold therewith as a unit	2,286,204	10/12/1999
	Registered	014	Watches; clocks; alarm clocks	2,257,844	6/29/1999
	Registered	016	Printed matter, namely, books, manuals, guides, forms, illustrations and technical data packages relating to aircraft, aircraft parts, avionics, or maintenance, operation, repair, or training associated with aircraft or aerospace products; calendars; notebooks; books; pens; pencils; pen sets; address books; stickers; posters; photographs; badge holders; terrestrial globes	2,255,991	6/22/1999
	Registered	018	Fanny packs, briefcases, tote bags, travel bags, luggage tags, briefcase-type portfolios, men's wallets, business card cases, luggage, backpacks, toiletry pouches, sports bags, duffel bags, and umbrellas	2,237,700	4/6/1999
	Registered	020	Non-metallic key holders	2,276,495	9/7/1999

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
	Registered	021	Plastic sports bottles sold empty; coffee mugs; travel mugs; folding hand tools, namely, bottle openers	2,254,289	6/15/1999
	Registered	024	Towels	2,237,701	4/6/1999
	Registered	026	Embroidered ornamental patches to be worn on clothing	2,276,496	9/7/1999
	Registered	039	Travel and transportation services, namely, making reservations and bookings for the transportation of others	2,250,372	6/1/1999
	Registered	025, 028	Cl. 25: Shirts, headwear and jackets Cl. 28: Toys and games, namely, toy model airplanes and model airplanes for display	3,056,102	1/31/2006
	Registered	014	Organization jewelry to be worn on the person, not including watches	423,674	9/10/1946
BOEING BUSINESS JETS	Registered	012	Airplanes	2,438,925	3/27/2001
BOEING CLASSIC	Registered	025,	Cl. 25: Clothing, namely, shirts, T-shirts, vests, blouses, coats,	3,531,621	11/11/2008

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
		028, 036, 041	jackets, sweaters, pullovers, hats, caps, and visors Cl. 28: Golf sports equipment, namely, golf accessory pouches, golf bag tags, golf bags, golf ball markers, golf balls, golf ball sleeves, golf flags, golf tee markers, golf tees Cl. 36: Charitable fund-raising for others Cl. 41: Services of conducting golf tournaments		
BOEING FRONTIERS	Registered	009	Downloadable electronic publications, namely, magazines featuring news and information about the aerospace industry	2,751,354	8/12/2003
BOEING NEWS NOW	Registered	009	Downloadable electronic newsletters in the field of aviation and aerospace	3,119,760	7/25/2006
MYBOEINGFLEET	Registered	035, 037, 041	Cl. 35: Providing online ordering services featuring books, manuals, guides, forms, illustrations and technical data packages in the field of aircraft, aircraft parts, avionics and the maintenance, operation, repair, and training associated with aircraft and aerospace products, parts and support equipment Cl. 37: Providing a website featuring information in the nature of forms, illustrations and technical data packages all in the field of maintenance, repair and operation of aircraft and avionics and aircraft parts Cl. 41: Providing a website featuring educational information in the nature of forms, illustrations and technical data packages all in the field of training in the use and operation of aircraft and aerospace products, parts and support equipment, and providing online publications in the form of books, manuals and guides all in the field of aircraft, aircraft parts, avionics and the maintenance, operation and repair of aircraft and aerospace products	3,071,647	3/21/2006

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
MyBoeingFleet	Registered	035, 037, 041	Cl. 35: Providing online ordering services featuring books, manuals, guides, forms, illustrations and technical data packages in the field of aircraft, aircraft parts, avionics and the maintenance, operation, repair, and training associated with aircraft and aerospace products, parts and support equipment	3,198,981	1/16/2007
			Cl. 37: Providing a website featuring information in the nature of forms, drawings, illustrations and technical data packages all in the field of maintenance, repair and operation of aircraft and avionics and aircraft parts		
			Cl. 41: Providing a website featuring educational information in the nature of forms, illustrations and technical data packages all in the field of training in the use and operation of aircraft and aerospace products, parts and support equipment, and providing online publication in the form of books, manuals and guides all in the field of aircraft, aircraft parts, avionics and the maintenance, operation and repair of aircraft and aerospace products		

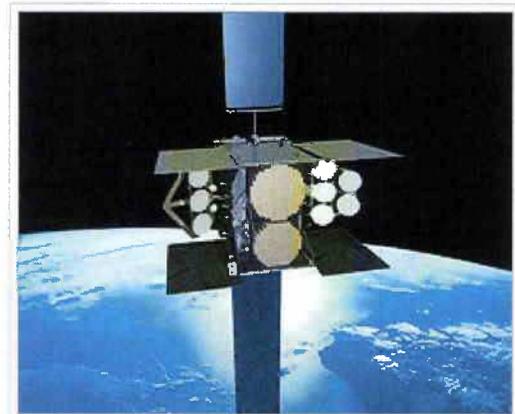
# **Exhibit B**

# Boeing 702

From Wikipedia, the free encyclopedia

**Boeing 702** is a communications satellite design. The Boeing Satellite Development Center tailors the payload of each Boeing 702 to meet customer specifications based on a modular design but with usually more than seventy transponders.<sup>[1]</sup>

The baseline Boeing 702 is compatible with several orbital launch systems, including Delta IV, Atlas V, Ariane 5, Proton, Sea Launch operated Zenit 3SL and Falcon 9.<sup>[2]</sup>



WGS (Wideband Global Satcom) Satellite

## Contents

- 1 702MP
- 2 702SP
- 3 XIPS
- 4 Customers
- 5 References

## 702MP

In 2009 Boeing introduced the 702MP platform, an evolution 702HP. The 702MP was designed for satellites in the middle-level power ranges, supporting payloads ranging from 6 to 12 kilowatts. Intelsat is the lead customer for the 702MP. Boeing is building Intelsat 21, Intelsat 22, Intelsat 27 and Intelsat 29e satellites based on the platform.<sup>[3]</sup>

## 702SP

Beginning in 2012, Boeing began manifesting all-electric propulsion commsats on the 702SP propulsion bus for eventual location in Geosynchronous orbit. These satellites are the first which will be launched with the intent to fully position the satellites using electric propulsion, thus requiring four to six months following launch to ready the satellite for its communication mission, but at substantial reduction in launch mass and, therefore, launch cost.<sup>[2]</sup>

## XIPS

Boeing offers a Xenon Ion Propulsion System (XIPS) option for the 702 satellite system.<sup>[4]</sup> XIPS is 10 times more efficient than conventional liquid fuel systems.<sup>[4]</sup> On a XIPS equipped 702 satellite; four 25-cm thrusters provide economical station keeping, needing only 5 kg of fuel per year.<sup>[4]</sup> Boeing asserts that this is "a fraction of what bipropellant or arcjet systems consume".<sup>[4]</sup> Boeing further asserts, that a

XIPS can be used for final orbit insertion and has secured firm orders for spacecraft utilizing only ion thrusters.<sup>[4][5]</sup> This conserves even more payload mass, as compared to using an on-board liquid apogee engine.<sup>[4]</sup>

## Customers

Customer	Satellites	Comments
DirecTV	DirecTV-10, DirecTV-11, DirecTV-12	
PanAmSat	Galaxy XI, Galaxy III-C, PAS-1R	
Telesat Canada	Anik F1, Anik F2	
SPACEWAY	SPACEWAY-1, SPACEWAY-2, SPACEWAY-3	
United States Air Force	Wideband Global SATCOM system	5 firm, 1 option (with XIPS)
New Skies	NSS-8 (with XIPS), 2 options	
XM Radio	XM 1 "Rock", XM 2 "Roll"[1] ( <a href="http://space.skyrocket.de/doc_sdat/xm-1.htm">http://space.skyrocket.de/doc_sdat/xm-1.htm</a> ), XM 3 "Rhythm", XM 4 "Blues"[2] ( <a href="http://space.skyrocket.de/doc_sdat/xm-3.htm">http://space.skyrocket.de/doc_sdat/xm-3.htm</a> )	

## References

- <sup>^</sup> "Boeing 702 Fleet" (<http://www.boeing.com/defense-space/space/bss/factsheets/702/702fleet.html>). Boeing.
- <sup>^</sup> <sup>a</sup> <sup>b</sup> Electric Satellites For Commercial Satcom ([http://www.aviationweek.com/aw/generic/story\\_channel.jsp?channel=space&id=news/awst/2012/03/19/AW\\_03\\_19\\_2012\\_p28-436631.xml&headline=Electric%20Satellites%20For%20Commercial%20Satcom](http://www.aviationweek.com/aw/generic/story_channel.jsp?channel=space&id=news/awst/2012/03/19/AW_03_19_2012_p28-436631.xml&headline=Electric%20Satellites%20For%20Commercial%20Satcom)), Amy Svitek, Aviation Week, 19 Mar 2012, accessed 2012-03-20
- <sup>^</sup> "Boeing 702MP Fleet - Intelsat" (<http://www.boeing.com/defense-space/space/bss/factsheets/702/intelsat/intelsat.html>). Boeing.
- <sup>^</sup> <sup>a</sup> <sup>b</sup> <sup>c</sup> <sup>d</sup> <sup>e</sup> <sup>f</sup> "Boeing 702 Fleet - Fact Sheet pdf" (<http://www.apcon.aero/news/boeing702.pdf>). Boeing.
- <sup>^</sup> "Electric propulsion could launch new commercial trend" (<http://spaceflightnow.com/news/n1203/19boeing702sp/>). Spaceflightnow.com.

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Categories: Communications satellite models

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# Boeing Satellite Development Center

From Wikipedia, the free encyclopedia

The **Boeing Satellite Development Center** is a major business unit of Boeing Defense, Space & Security. It brought together Boeing satellite operations with that of GM Hughes Electronics' Space and Communications division.

## Contents

- 1 History
- 2 Current operations
- 3 Subsidiaries
- 4 See also
- 5 References
- 6 External links

## History

In 1948 Howard Hughes' Hughes Aircraft Company formed the Aerospace Group within the company, divided into:

- Hughes Space and Communications Group
- Hughes Space Systems Division

In 1953 the Howard Hughes Medical Institute (HHMI) was formed, and Hughes Aircraft reformed as a subsidiary of the foundation. The charity status of the foundation allowed Hughes Aircraft to avoid taxes on its huge income. In 1961 the two Aerospace Group divisions were reformed as **Hughes Space and Communications Company**.

Hughes Space and Communications Company launched the first geosynchronous communications satellite, Syncom, in 1963.

On April 5, 1976 Howard Hughes died at the age of 70, leaving no will. In 1984 the Delaware Court of Chancery appointed eight trustees of the Howard Hughes Medical Institute, who decided to sell Hughes Aircraft to General Motors for \$5.2 billion — this transaction was completed in 1985. GM merged Hughes Aircraft with its Delco Electronics unit to form **Hughes Electronics**. This group then consisted of:

- Delco Electronics Corporation
- Hughes Aircraft Company
- Hughes Space and Communications Company
- Hughes Network Systems
- DirecTV

In 1995 Hughes Space and Communications Company became the world's biggest supplier of commercial satellites. In 1997 GM transferred Delco Electronics from Hughes Electronics to its Delphi Automotive Systems and later in the year sold the aerospace and defense operations of Hughes Electronics (Hughes Aircraft) to Raytheon.

Hughes Space and Communications Company remained independent until 2000, when it was purchased by Boeing and became **Boeing Satellite Development Center**.

In 2005 Boeing Satellite Systems sold Boeing Electron Dynamic Devices to L3 communications.

## Current operations

Hughes added the following to Boeing's portfolio:

- HS-376 — MEASAT, Marcopolo, and others.
- HS-601 — ProtoStar II, and others.
- HS-702, now the Boeing 702
- US Navy UHF replacement- Military version of HS601
- NASA Tracking and Data Relay Satellites — Communications with Space Shuttle and International Space Station.
- NASA Geostationary Operational Environmental Satellites.
- HSGEO Mobile — Based on the 702 bus, for Thuraya Satellite Communications, United Arab Emirates, and soon for SkyTerra.

The purchase of Hughes Space and Communications Company in 2000 gave Boeing an impressive range of products for design, manufacture, launch and support of satellites. This was in addition to Boeing Integrated Defense Systems' other space assets, e.g. Delta launch vehicles, older-generation GPS satellites, and Rocketdyne and Rockwell's space operations (which include much of the hardware used in NASA's manned space program, such as the Space Shuttle, International Space Station, rocket engines, etc.)

Currently projects at the Boeing Satellite Development Center (spacecraft being designed, built, tested, or prepared for launch) are satellites made for XM (satellite radio), DirecTV (satellite television), MSV (satellite mobile telephony), Spaceway (data networks), GPS (satellite navigation), and for the Wideband Global SATCOM system and TSAT (<http://www.boeing.com/defense-space/space/tsat/index.html>) projects (military communications). Designs for ISAT ([http://www.space.com/spacenews/archive05/Isat\\_060605.html](http://www.space.com/spacenews/archive05/Isat_060605.html)) (military orbital radar demonstrator), for additional GOES satellites (meteorology), and for other spacecraft, are currently being developed and proposed.

## Subsidiaries

- Spectrolab — world's leading manufacturer of space solar cells and panels
- Electron Dynamic Devices - sold to L3 communications in 2005.

## See also

- List of broadcast satellites

## References

## External links

- Boeing Satellite Development Center (<http://www.boeing.com/defense-space/space/bss/index.html>)
- Complete list of past satellites and space probes from Boeing Satellite Systems (<http://www.boeing.com/defense-space/space/bss/programs.html>)
- Complete list of current navigation and communications satellites projects at Boeing Satellite Systems ([http://www.boeing.com/defense-space/space/bss/programs\\_nscp.html](http://www.boeing.com/defense-space/space/bss/programs_nscp.html))
- Complete list of satellites built on the 376, 601, and 702 platforms (<http://www.boeing.com/defense-space/space/bss/about/orders.html>) (almost every BSS satellite is an adaptation of one of these three designs)
- Boeing contributions to space exploration projects ([http://www.boeing.com/defense-space/space\\_exploration/index.html](http://www.boeing.com/defense-space/space_exploration/index.html)), past (e.g. X-15, Apollo) and current (e.g. Shuttle, ISS) - includes the work of companies since acquired by Boeing, such as Rockwell International and North American Aviation.

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Categories: Boeing | Defense companies of the United States | Spacecraft manufacturers

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# **Exhibit C**

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Boeing 702MP

Boeing 702SP

GPS IIF (Global Positioning System)

Launch Schedule

Wideband Global SATCOM (WGS)

Services

Space Flight

Advanced Systems

C4ISR & Cyber

### Boeing Satellite Launch Schedule

Last Updated 06-04-13

	Satellite	Model	Owner	Launch Date	Launch Vehicle
1	GPS IIF SV-3	GPS	U.S. Air Force	2013	Atlas V
2	WGS-6	702HP	U.S. Air Force	2013	Delta IV
3	Inmarsat-5 F1	702HP	Inmarsat	2013	Proton
4	Centenario	702HP	Secretaria de Comunicaciones y Transportes	2014	Proton
5	Inmarsat-5 F2	702HP	Inmarsat	2014	Proton
6	Inmarsat-5 F3	702HP	Inmarsat	2014	Proton
7	Morelos 3	702HP	Secretaria de Comunicaciones y Transportes	2014	TBD
8	TDRS L	TDRS	NASA	2014	Atlas V
9	ABS-3A	702SP	Asia Broadcast Satellite	2014 or 2015	Falcon 9
10	Satmex 7	702SP	Satelites Mexicanos (Satmex)	2014 or 2015	Falcon 9
11	TDRS M	TDRS	NASA	2015	TBD
12	Intelsat 29e	702MP	Intelsat	2015	TBD
13	Intelsat 33e	702MP	Intelsat	2016	TBD
14	ViaSat-2	702HP	ViaSat Inc.	2016	TBD
15	TBD	702SP	Asia Broadcast Satellite	TBD	TBD
16	ABS-Satmex	702SP	ABS-Satmex	TBD	TBD
17	GPS IIF SV-5	GPS	U.S. Air Force	TBD	Atlas V
18	GPS IIF SV-6	GPS	U.S. Air Force	TBD	Atlas V
19	GPS IIF SV-7	GPS	U.S. Air Force	TBD	Atlas V
20	GPS IIF SV-8	GPS	U.S. Air Force	TBD	Atlas V
21	GPS IIF SV-9	GPS	U.S. Air Force	TBD	Delta IV
22	GPS IIF SV-10	GPS	U.S. Air Force	TBD	Delta IV
23	GPS IIF SV-11	GPS	U.S. Air Force	TBD	TBD
24	GPS IIF SV-12	GPS	U.S. Air Force	TBD	TBD
25	WGS-7	702HP	U.S. Air Force	TBD	TBD
26	WGS-8	702HP	U.S. Air Force	TBD	TBD
27	WGS-9	702HP	U.S. Air Force	TBD	TBD
28	WGS-10	702HP	U.S. Air Force	TBD	TBD
29	SES-9	702HP	SES	TBD	TBD
30	SkyTerra 2	702HP	LightSquared	TBD	TBD
31	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD
32	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD
33	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD

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# **Exhibit D**



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## COMPANY PROFILE

- About us
- Honor
- Histories
- Quality
- Partner

### About us

Boing Group was set up in 1997 in Macao, then Boingsat International Technology Co , Ltd,wholly owned by legal Taiwanese, was founded in 2004 in Zhuhai, the beautiful & romantic city in the South China Sea.

Zhuhai,water through Hongkong, is adjacent to Macao, Zhongshan,Guangzhou, Shenzhen and other regions, then the transportation is very convenient with its developed high-tech industry. Our company, as high-tech enterprise, located in No.5,PingDong 5 Road,Technology Industrial Zone,Nan Ping Town,ZhuHai, covers production workshop, life circle, and recreational activities area, with more than 300employees. The company has one team of experts from "Taiwan R & D and manufacturing in the satellite communication field" to be responsible for R & D and continuous improvement projects, and also employs numerous outstanding management talents with doctorate ,master , University as well as college degree to join together for high-tech enterprise's sustainable development.



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Boingsat International Technology Co , Ltd is professional R & D and manufacturer of C BAND LNB, Ku BAND LNB, DiSeq SWITCH, MULTISWITCH, one of the few enterprises having a professional R & D team in this field. The company has proceeded for technological transformation, the introduction of large-scale automation equipment, and training projects of professional talents, to ensure the products to meet our customers demand further. Adhering to the independent R & D, innovation, sales integration route, our company has obtained 11 practical new patents from the national patent office, 3 invention patents, and proceeded training & research in many aspects with HaGong University, Zhongshan University, Jilin University & other institutions. Company has developed a series of C BAND LNB, Ku BAND LNB, CKu LNB, DiSeq SWITCH, MULTISWITCH, POWER DIVIDER, DIPLEXER, LINE AMPLIFIER, nearly a hundred kinds of products. Our products have solden to more than 40 countries and cities, covering nearly 20% of the world economy center and town areas.



The core value of our company is to observe responsibility, team, profession, result to achieve technology innovation, quality assurance and customer satisfaction. Since 2004, the annual turnover has grown by 10% to 20% in aeronautical communication industry. In recent years the company has won 2011 & 2012 Guangdong Credit Enterprise, 2011 & 2012 Zhuhai Advanced Enterprise, Member of GCWW, Director Enterprise of Zhuhai Import & Export Commerce Chamber, Reliable Enterprise of Guangdong Province, Technology centerof key enterprises in Zhuhai, High-Tech Enterprise, Member of Zhuhai Care Association and so on.





# **Exhibit A**

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	009	Sunglasses	1,352,503	8/6/1985
BOEING	Registered	028	Toy model airplanes, model airplanes for display, toy and model airplanes in kit form	1,283,493	6/26/1984
BOEING	Registered	008	Tool kits comprising screwdrivers, hammers, files, knives and other hand tools	1,446,019	7/7/1987
BOEING	Registered	009	Metric converters, digital calculators, time zone calculators, tape measures	1,446,102	7/7/1987
BOEING	Registered	011	Flashlights	1,446,237	7/7/1987
BOEING	Registered	014	Clocks, bracelets, lapel pins, silver ingots, tie tacs, and tie bars	1,444,055	6/23/1987
BOEING	Registered	016	Calendars, notebooks, books, pens, pencils, pen and pencil sets, playing cards, stickers, posters, post cards, desk sets	1,446,351	7/7/1987
BOEING	Registered	018	Brief cases, tote bags, travel bags, luggage tags, briefcase-type portfolio, men's and ladies' wallets, passport holders, business card cases, umbrellas	1,446,432	7/7/1987
BOEING	Registered	020	Key holders	1,446,455	7/7/1987
BOEING	Registered	021	Coffee mugs	1,436,475	4/14/1987
BOEING	Registered	025	Caps, t-shirts, and jackets	1,447,626	7/14/1987
BOEING	Registered	026	Embroidered ornamental patches to be worn on clothing	1,447,692	7/14/1987
BOEING	Registered	028	Golf balls, tennis balls, golf tees, and mobiles for children	1,445,327	6/30/1987
BOEING	Registered	012	Airplanes	882,041	12/9/1989
BOEING	Registered	009	Computer programs	1,402,994	7/29/1986
BOEING	Registered	035, 038, 041, 042	CI. 35: Business management services in the field of communications, networks and facilities CI. 38: Consulting services in the filed of communications	1,419,419	12/2/1986

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			Cl. 41: Educational services, namely, providing training in the field of computers and communications		
BOEING	Registered	014	Watches	1,839,345	6/14/1994
BOEING	Registered	021	Plastic sports bottles sold empty, portable beverage coolers	1,839,453	6/14/1994
BOEING	Registered	024	Beach towels and sports towels	1,839,462	6/14/1994
BOEING	Registered	025	Sweatshirts, sweatpants, polo shirts, rugby shirts, and sweaters	1,837,946	5/31/1994
BOEING	Registered	028	Soft sport footballs and stuffed toy animals	1,839,505	6/14/1994
BOEING	Registered	035	Retail store services and on-line retail store services, all featuring clothing, gift and travel items	3,097,506	5/30/2006
BOEING	Registered	037	Repair and maintenance of aircraft and aircraft parts	3,341,272	11/20/2007
BOEING	Registered	006	Key holders made of metal	3,748,622	2/16/2010
BOEING	Registered	008	Folding hand tools, namely, pliers, knives, tweezers, screwdrivers, files, and scissors; screwdrivers	3,741,910	1/26/2010
BOEING	Registered	009	Tape measures; decorative magnets; pedometers; digital calculators; time zone calculators; software in the nature of computer screen savers; and computer mouse pads; and prerecorded video and audio recordings; computer software, computer programs and instructional materials sold therewith as a unit; all featuring information about aircraft, aircraft parts, aviation, avionics, aerospace products, or maintenance, operation, repair or training associated with aircraft and/or aerospace products, parts, or support equipment	3,756,832	3/9/2010
BOEING	Registered	011	Flashlights; outdoor portable lighting products, namely, headlamps	3,741,909	1/26/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	012	Airplanes, and manuals sold therewith as a unit	3,741,908	1/26/2010
BOEING	Registered	014	Watches; clocks; alarm clocks; lapel pins	3,741,907	1/26/2010
BOEING	Registered	016	Printed matter, namely, books and manuals in the field of aviation and avionics; pens; pencils; stickers; posters; photographs	3,766,212	3/30/2010
BOEING	Registered	018	Tote bags; travel bags; backpacks; luggage tags; passport holders; umbrellas	3,766,211	3/30/2010
BOEING	Registered	020	Non-metallic key holders; picture frames	3,741,906	1/26/2010
BOEING	Registered	021	Coffee mugs; travel mugs; plastic sports bottles sold empty; temperature retaining vessels	3,741,905	1/26/2010
BOEING	Registered	024	Towels and blanket throws	3,748,625	2/16/2010
BOEING	Registered	025	Caps; hats; shirts; t-shirts; jackets; sweatshirts; polo shirts; wind jackets; wind shirts	3,748,626	2/16/2010
BOEING	Registered	028	Toy model airplanes; toy and scale model airplanes for display; toy and scale model airplanes in kit form; golf balls; golf putter set comprised of golf putter, golf balls and putting cup; golf tees; stuffed toys; play sets for children; toy gliders; marbles; remote controlled toys, namely, airplanes	3,741,911	1/26/2010
BOEING	Registered	035	Business management and business consultation in the field of aviation, aerospace, communications and travel; promoting the services of others, namely, the services of the airline industry through the distribution of printed, audio and visual promotional materials and by rendering sales promotion advice; conducting employee incentive award programs to promote on-the-job quality and productivity; promoting sports competitions and/or events of others; retail store services featuring gifts and travel items; online retail store services featuring gifts and travel items; charitable services, namely, sponsoring in the nature of organizing and conducting volunteer programs and community	3,770,071	4/6/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			service projects		
BOEING	Registered	036	Financing services; aircraft financing services; financial information and advisory services; financial consultation; financial management in field of financial arrangement and financial structuring; financial management of lease agreements; financial sponsorship of volunteer programs and community service projects	3,770,072	4/6/2010
BOEING	Registered	037	Repair and maintenance of aircraft and aircraft parts; technical support services, namely, providing technical advice in the field of aircraft overhaul, repair operation, maintenance, or modification	3,770,073	4/6/2010
BOEING	Registered	038	Telecommunications consultation; satellite communication consultation services	3,792,065	5/25/2010
BOEING	Registered	039	Travel and transportation arrangement services, namely, making reservations and bookings for the transportation of others; leasing of aircraft	3,770,074	4/6/2010
BOEING	Registered	040	Custom manufacture of aircraft	3,766,305	3/30/2010
BOEING	Registered	041	Education services in the nature of providing training and conferences in the field of the operation, maintenance, repair, and overhaul of aircraft, and distributing course material in connection therewith	3,809,101	6/29/2010
BOEING	Registered	042	Product research; design and testing of new products for others; technical consultation and assistance related to the design of aircraft and aircraft parts; custom design of aircraft; technical consultation related to aerospace engineering; technical consultation and assistance related to the certification, operation, overhaul or modification of aircraft and aircraft parts, namely, design of aircrafts and aircraft parts for others; inspection of aircraft and aircraft parts	3,770,089	4/6/2010

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
BOEING	Registered	036	Financing services; lease financing services; financial management and consultation	2,668,116	12/31/2002
Boeing	Registered	016	Newsletters in the field of aviation and aerospace products	3,327,572	10/30/2007
<b>BOEING</b>	Registered	012	Airplanes	1,674,151	2/4/1992
<i>Boeing</i>	Registered	014	Clocks and watches	3,105,282	6/13/2006
<i>Boeing</i>	Registered	025	Clothing, namely, headwear and jackets	3,262,517	7/10/2007
<i>BOEING</i>	Registered	006	Key holders made of metal	2,255,990	6/22/1999
<i>BOEING</i>	Registered	008	Forks; spoons; folding hand tools, namely, pliers, knives, screwdrivers, files, can openers, scissors; tool kits comprised of hand tools, namely, screwdrivers, knives, pliers, socket sets	2,259,909	7/6/1999
<i>BOEING</i>	Registered	009	Video and audio recordings, computer software, computer programs and instructional material sold therewith as a unit, all featuring information about aircraft, aircraft parts, aviation, avionics, aerospace products, or maintenance, operation, repair	2,254,288	6/15/1999

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
			or training associated with aircraft and/or aerospace products, parts; digital calculators; time zone calculators; sunglasses; computer mouse pads		
	Registered	011	Flashlights; lanterns	2,257,845	6/29/1999
	Registered	012	Aircraft and manuals sold therewith as a unit	2,286,204	10/12/1999
	Registered	014	Watches; clocks; alarm clocks	2,257,844	6/29/1999
	Registered	016	Printed matter, namely, books, manuals, guides, forms, illustrations and technical data packages relating to aircraft, aircraft parts, avionics, or maintenance, operation, repair, or training associated with aircraft or aerospace products; calendars; notebooks; books; pens; pencils; pen sets; address books; stickers; posters; photographs; badge holders; terrestrial globes	2,255,991	6/22/1999
	Registered	018	Fanny packs, briefcases, tote bags, travel bags, luggage tags, briefcase-type portfolios, men's wallets, business card cases, luggage, backpacks, toiletry pouches, sports bags, duffel bags, and umbrellas	2,237,700	4/6/1999
	Registered	020	Non-metallic key holders	2,276,495	9/7/1999

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
	Registered	021	Plastic sports bottles sold empty; coffee mugs; travel mugs; folding hand tools, namely, bottle openers	2,254,289	6/15/1999
	Registered	024	Towels	2,237,701	4/6/1999
	Registered	026	Embroidered ornamental patches to be worn on clothing	2,276,496	9/7/1999
	Registered	039	Travel and transportation services, namely, making reservations and bookings for the transportation of others	2,250,372	6/1/1999
	Registered	025, 028	Cl. 25: Shirts, headwear and jackets Cl. 28: Toys and games, namely, toy model airplanes and model airplanes for display	3,056,102	1/31/2006
	Registered	014	Organization jewelry to be worn on the person, not including watches	423,674	9/10/1946
BOEING BUSINESS JETS	Registered	012	Airplanes	2,438,925	3/27/2001
BOEING CLASSIC	Registered	025,	Cl. 25: Clothing, namely, shirts, T-shirts, vests, blouses, coats,	3,531,621	11/11/2008

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
		028, 036, 041	jackets, sweaters, pullovers, hats, caps, and visors Cl. 28: Golf sports equipment, namely, golf accessory pouches, golf bag tags, golf bags, golf ball markers, golf balls, golf ball sleeves, golf flags, golf tee markers, golf tees Cl. 36: Charitable fund-raising for others Cl. 41: Services of conducting golf tournaments		
BOEING FRONTIERS	Registered	009	Downloadable electronic publications, namely, magazines featuring news and information about the aerospace industry	2,751,354	8/12/2003
BOEING NEWS NOW	Registered	009	Downloadable electronic newsletters in the field of aviation and aerospace	3,119,760	7/25/2006
MYBOEINGFLEET	Registered	035, 037, 041	Cl. 35: Providing online ordering services featuring books, manuals, guides, forms, illustrations and technical data packages in the field of aircraft, aircraft parts, avionics and the maintenance, operation, repair, and training associated with aircraft and aerospace products, parts and support equipment Cl. 37: Providing a website featuring information in the nature of forms, illustrations and technical data packages all in the field of maintenance, repair and operation of aircraft and avionics and aircraft parts Cl. 41: Providing a website featuring educational information in the nature of forms, illustrations and technical data packages all in the field of training in the use and operation of aircraft and aerospace products, parts and support equipment, and providing online publications in the form of books, manuals and guides all in the field of aircraft, aircraft parts, avionics and the maintenance, operation and repair of aircraft and aerospace products	3,071,647	3/21/2006

Mark Name	Status	Class Number	Goods	Registration Number	Registration Date
MyBoeingFleet	Registered	035, 037, 041	<p>Cl. 35: Providing online ordering services featuring books, manuals, guides, forms, illustrations and technical data packages in the field of aircraft, aircraft parts, avionics and the maintenance, operation, repair, and training associated with aircraft and aerospace products, parts and support equipment</p> <p>Cl. 37: Providing a website featuring information in the nature of forms, drawings, illustrations and technical data packages all in the field of maintenance, repair and operation of aircraft and avionics and aircraft parts</p> <p>Cl. 41: Providing a website featuring educational information in the nature of forms, illustrations and technical data packages all in the field of training in the use and operation of aircraft and aerospace products, parts and support equipment, and providing online publication in the form of books, manuals and guides all in the field of aircraft, aircraft parts, avionics and the maintenance, operation and repair of aircraft and aerospace products</p>	3,198,981	1/16/2007

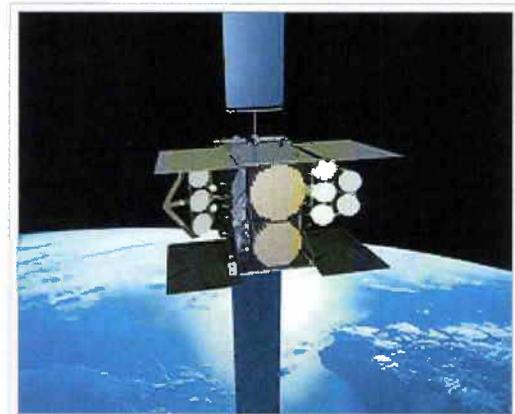
# **Exhibit B**

# Boeing 702

From Wikipedia, the free encyclopedia

**Boeing 702** is a communications satellite design. The Boeing Satellite Development Center tailors the payload of each Boeing 702 to meet customer specifications based on a modular design but with usually more than seventy transponders.<sup>[1]</sup>

The baseline Boeing 702 is compatible with several orbital launch systems, including Delta IV, Atlas V, Ariane 5, Proton, Sea Launch operated Zenit 3SL and Falcon 9.<sup>[2]</sup>



WGS (Wideband Global Satcom) Satellite

## Contents

- 1 702MP
- 2 702SP
- 3 XIPS
- 4 Customers
- 5 References

## 702MP

In 2009 Boeing introduced the 702MP platform, an evolution 702HP. The 702MP was designed for satellites in the middle-level power ranges, supporting payloads ranging from 6 to 12 kilowatts. Intelsat is the lead customer for the 702MP. Boeing is building Intelsat 21, Intelsat 22, Intelsat 27 and Intelsat 29e satellites based on the platform.<sup>[3]</sup>

## 702SP

Beginning in 2012, Boeing began manifesting all-electric propulsion commsats on the 702SP propulsion bus for eventual location in Geosynchronous orbit. These satellites are the first which will be launched with the intent to fully position the satellites using electric propulsion, thus requiring four to six months following launch to ready the satellite for its communication mission, but at substantial reduction in launch mass and, therefore, launch cost.<sup>[2]</sup>

## XIPS

Boeing offers a Xenon Ion Propulsion System (XIPS) option for the 702 satellite system.<sup>[4]</sup> XIPS is 10 times more efficient than conventional liquid fuel systems.<sup>[4]</sup> On a XIPS equipped 702 satellite; four 25-cm thrusters provide economical station keeping, needing only 5 kg of fuel per year.<sup>[4]</sup> Boeing asserts that this is "a fraction of what bipropellant or arcjet systems consume".<sup>[4]</sup> Boeing further asserts, that a

XIPS can be used for final orbit insertion and has secured firm orders for spacecraft utilizing only ion thrusters.<sup>[4][5]</sup> This conserves even more payload mass, as compared to using an on-board liquid apogee engine.<sup>[4]</sup>

## Customers

Customer	Satellites	Comments
DirecTV	DirecTV-10, DirecTV-11, DirecTV-12	
PanAmSat	Galaxy XI, Galaxy III-C, PAS-1R	
Telesat Canada	Anik F1, Anik F2	
SPACEWAY	SPACEWAY-1, SPACEWAY-2, SPACEWAY-3	
United States Air Force	Wideband Global SATCOM system	5 firm, 1 option (with XIPS)
New Skies	NSS-8 (with XIPS), 2 options	
XM Radio	XM 1 "Rock", XM 2 "Roll"[1] ( <a href="http://space.skyrocket.de/doc_sdat/xm-1.htm">http://space.skyrocket.de/doc_sdat/xm-1.htm</a> ), XM 3 "Rhythm", XM 4 "Blues"[2] ( <a href="http://space.skyrocket.de/doc_sdat/xm-3.htm">http://space.skyrocket.de/doc_sdat/xm-3.htm</a> )	

## References

- <sup>^</sup> "Boeing 702 Fleet" (<http://www.boeing.com/defense-space/space/bss/factsheets/702/702fleet.html>). Boeing.
- <sup>^</sup> <sup>a</sup> <sup>b</sup> Electric Satellites For Commercial Satcom ([http://www.aviationweek.com/aw/generic/story\\_channel.jsp?channel=space&id=news/awst/2012/03/19/AW\\_03\\_19\\_2012\\_p28-436631.xml&headline=Electric%20Satellites%20For%20Commercial%20Satcom](http://www.aviationweek.com/aw/generic/story_channel.jsp?channel=space&id=news/awst/2012/03/19/AW_03_19_2012_p28-436631.xml&headline=Electric%20Satellites%20For%20Commercial%20Satcom)), Amy Svitek, Aviation Week, 19 Mar 2012, accessed 2012-03-20
- <sup>^</sup> "Boeing 702MP Fleet - Intelsat" (<http://www.boeing.com/defense-space/space/bss/factsheets/702/intelsat/intelsat.html>). Boeing.
- <sup>^</sup> <sup>a</sup> <sup>b</sup> <sup>c</sup> <sup>d</sup> <sup>e</sup> <sup>f</sup> "Boeing 702 Fleet - Fact Sheet pdf" (<http://www.apcon.aero/news/boeing702.pdf>). Boeing.
- <sup>^</sup> "Electric propulsion could launch new commercial trend" (<http://spaceflightnow.com/news/n1203/19boeing702sp/>). Spaceflightnow.com.

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Categories: Communications satellite models

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# Boeing Satellite Development Center

From Wikipedia, the free encyclopedia

The **Boeing Satellite Development Center** is a major business unit of Boeing Defense, Space & Security. It brought together Boeing satellite operations with that of GM Hughes Electronics' Space and Communications division.

## Contents

- 1 History
- 2 Current operations
- 3 Subsidiaries
- 4 See also
- 5 References
- 6 External links

## History

In 1948 Howard Hughes' Hughes Aircraft Company formed the Aerospace Group within the company, divided into:

- Hughes Space and Communications Group
- Hughes Space Systems Division

In 1953 the Howard Hughes Medical Institute (HHMI) was formed, and Hughes Aircraft reformed as a subsidiary of the foundation. The charity status of the foundation allowed Hughes Aircraft to avoid taxes on its huge income. In 1961 the two Aerospace Group divisions were reformed as **Hughes Space and Communications Company**.

Hughes Space and Communications Company launched the first geosynchronous communications satellite, Syncom, in 1963.

On April 5, 1976 Howard Hughes died at the age of 70, leaving no will. In 1984 the Delaware Court of Chancery appointed eight trustees of the Howard Hughes Medical Institute, who decided to sell Hughes Aircraft to General Motors for \$5.2 billion — this transaction was completed in 1985. GM merged Hughes Aircraft with its Delco Electronics unit to form **Hughes Electronics**. This group then consisted of:

- Delco Electronics Corporation
- Hughes Aircraft Company
- Hughes Space and Communications Company
- Hughes Network Systems
- DirecTV

In 1995 Hughes Space and Communications Company became the world's biggest supplier of commercial satellites. In 1997 GM transferred Delco Electronics from Hughes Electronics to its Delphi Automotive Systems and later in the year sold the aerospace and defense operations of Hughes Electronics (Hughes Aircraft) to Raytheon.

Hughes Space and Communications Company remained independent until 2000, when it was purchased by Boeing and became **Boeing Satellite Development Center**.

In 2005 Boeing Satellite Systems sold Boeing Electron Dynamic Devices to L3 communications.

## Current operations

Hughes added the following to Boeing's portfolio:

- HS-376 — MEASAT, Marcopolo, and others.
- HS-601 — ProtoStar II, and others.
- HS-702, now the Boeing 702
- US Navy UHF replacement- Military version of HS601
- NASA Tracking and Data Relay Satellites — Communications with Space Shuttle and International Space Station.
- NASA Geostationary Operational Environmental Satellites.
- HSGEO Mobile — Based on the 702 bus, for Thuraya Satellite Communications, United Arab Emirates, and soon for SkyTerra.

The purchase of Hughes Space and Communications Company in 2000 gave Boeing an impressive range of products for design, manufacture, launch and support of satellites. This was in addition to Boeing Integrated Defense Systems' other space assets, e.g. Delta launch vehicles, older-generation GPS satellites, and Rocketdyne and Rockwell's space operations (which include much of the hardware used in NASA's manned space program, such as the Space Shuttle, International Space Station, rocket engines, etc.)

Currently projects at the Boeing Satellite Development Center (spacecraft being designed, built, tested, or prepared for launch) are satellites made for XM (satellite radio), DirecTV (satellite television), MSV (satellite mobile telephony), Spaceway (data networks), GPS (satellite navigation), and for the Wideband Global SATCOM system and TSAT (<http://www.boeing.com/defense-space/space/tsat/index.html>) projects (military communications). Designs for ISAT ([http://www.space.com/spacenews/archive05/Isat\\_060605.html](http://www.space.com/spacenews/archive05/Isat_060605.html)) (military orbital radar demonstrator), for additional GOES satellites (meteorology), and for other spacecraft, are currently being developed and proposed.

## Subsidiaries

- Spectrolab — world's leading manufacturer of space solar cells and panels
- Electron Dynamic Devices - sold to L3 communications in 2005.

## See also

- List of broadcast satellites

## References

## External links

- Boeing Satellite Development Center (<http://www.boeing.com/defense-space/space/bss/index.html>)
- Complete list of past satellites and space probes from Boeing Satellite Systems (<http://www.boeing.com/defense-space/space/bss/programs.html>)
- Complete list of current navigation and communications satellites projects at Boeing Satellite Systems ([http://www.boeing.com/defense-space/space/bss/programs\\_nscp.html](http://www.boeing.com/defense-space/space/bss/programs_nscp.html))
- Complete list of satellites built on the 376, 601, and 702 platforms (<http://www.boeing.com/defense-space/space/bss/about/orders.html>) (almost every BSS satellite is an adaptation of one of these three designs)
- Boeing contributions to space exploration projects ([http://www.boeing.com/defense-space/space\\_exploration/index.html](http://www.boeing.com/defense-space/space_exploration/index.html)), past (e.g. X-15, Apollo) and current (e.g. Shuttle, ISS) - includes the work of companies since acquired by Boeing, such as Rockwell International and North American Aviation.

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Categories: Boeing | Defense companies of the United States | Spacecraft manufacturers

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# **Exhibit C**

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Military Aircraft

Support & Services

Satellites & Space

Satellites

Boeing 601

Boeing 702HP

Boeing 702MP

Boeing 702SP

GPS IIF (Global Positioning System)

Launch Schedule

Wideband Global SATCOM (WGS)

Services

Space Flight

Advanced Systems

C4ISR & Cyber

### Boeing Satellite Launch Schedule

Last Updated 06-04-13

	Satellite	Model	Owner	Launch Date	Launch Vehicle
1	GPS IIF SV-3	GPS	U.S. Air Force	2013	Atlas V
2	WGS-6	702HP	U.S. Air Force	2013	Delta IV
3	Inmarsat-5 F1	702HP	Inmarsat	2013	Proton
4	Centenario	702HP	Secretaria de Comunicaciones y Transportes	2014	Proton
5	Inmarsat-5 F2	702HP	Inmarsat	2014	Proton
6	Inmarsat-5 F3	702HP	Inmarsat	2014	Proton
7	Morelos 3	702HP	Secretaria de Comunicaciones y Transportes	2014	TBD
8	TDRS L	TDRS	NASA	2014	Atlas V
9	ABS-3A	702SP	Asia Broadcast Satellite	2014 or 2015	Falcon 9
10	Satmex 7	702SP	Satelites Mexicanos (Satmex)	2014 or 2015	Falcon 9
11	TDRS M	TDRS	NASA	2015	TBD
12	Intelsat 29e	702MP	Intelsat	2015	TBD
13	Intelsat 33e	702MP	Intelsat	2016	TBD
14	ViaSat-2	702HP	ViaSat Inc.	2016	TBD
15	TBD	702SP	Asia Broadcast Satellite	TBD	TBD
16	ABS-Satmex	702SP	ABS-Satmex	TBD	TBD
17	GPS IIF SV-5	GPS	U.S. Air Force	TBD	Atlas V
18	GPS IIF SV-6	GPS	U.S. Air Force	TBD	Atlas V
19	GPS IIF SV-7	GPS	U.S. Air Force	TBD	Atlas V
20	GPS IIF SV-8	GPS	U.S. Air Force	TBD	Atlas V
21	GPS IIF SV-9	GPS	U.S. Air Force	TBD	Delta IV
22	GPS IIF SV-10	GPS	U.S. Air Force	TBD	Delta IV
23	GPS IIF SV-11	GPS	U.S. Air Force	TBD	TBD
24	GPS IIF SV-12	GPS	U.S. Air Force	TBD	TBD
25	WGS-7	702HP	U.S. Air Force	TBD	TBD
26	WGS-8	702HP	U.S. Air Force	TBD	TBD
27	WGS-9	702HP	U.S. Air Force	TBD	TBD
28	WGS-10	702HP	U.S. Air Force	TBD	TBD
29	SES-9	702HP	SES	TBD	TBD
30	SkyTerra 2	702HP	LightSquared	TBD	TBD
31	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD
32	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD
33	Intelsat Epic TBD	702MP	Intelsat	TBD	TBD

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# **Exhibit D**



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### COMPANY PROFILE

- About us
- Honor
- Histories
- Quality
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### About us

Boing Group was set up in 1997 in Macao, then Boingsat International Technology Co , Ltd,wholly owned by legal Taiwanese, was founded in 2004 in Zhuhai, the beautiful & romantic city in the South China Sea.

Zhuhai,water through Hongkong, is adjacent to Macao, Zhongshan,Guangzhou, Shenzhen and other regions, then the transportation is very convenient with its developed high-tech industry. Our company, as high-tech enterprise, located in No.5,PingDong 5 Road,Technology Industrial Zone,Nan Ping Town,ZhuHai, covers production workshop, life circle, and recreational activities area, with more than 300employees. The company has one team of experts from "Taiwan R & D and manufacturing in the satellite communication field" to be responsible for R & D and continuous improvement projects, and also employs numerous outstanding management talents with doctorate ,master , University as well as college degree to join together for high-tech enterprise's sustainable development.



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 Click dialogue

Boingsat International Technology Co , Ltd is professional R & D and manufacturer of C BAND LNB, Ku BAND LNB, DiSeq SWITCH, MULTISWITCH, one of the few enterprises having a professional R & D team in this field. The company has proceeded for technological transformation, the introduction of large-scale automation equipment, and training projects of professional talents, to ensure the products to meet our customers demand further. Adhering to the independent R & D, innovation, sales integration route, our company has obtained 11 practical new patents from the national patent office, 3 invention patents, and proceeded training & research in many aspects with HaGong University, Zhongshan University, Jilin University & other institutions. Company has developed a series of C BAND LNB, Ku BAND LNB, CKu LNB, DiSeq SWITCH, MULTISWITCH, POWER DIVIDER, DIPLEXER, LINE AMPLIFIER, nearly a hundred kinds of products. Our products have solden to more than 40 countries and cities, covering nearly 20% of the world economy center and town areas.



The core value of our company is to observe responsibility, team, profession, result to achieve technology innovation, quality assurance and customer satisfaction. Since 2004, the annual turnover has grown by 10% to 20% in aeronautical communication industry. In recent years the company has won 2011 & 2012 Guangdong Credit Enterprise, 2011 & 2012 Zhuhai Advanced Enterprise, Member of GCWW, Director Enterprise of Zhuhai Import & Export Commerce Chamber, Reliable Enterprise of Guangdong Province, Technology centerof key enterprises in Zhuhai, High-Tech Enterprise, Member of Zhuhai Care Association and so on.



