



where the old frontier meets the new frontier



**NMFA OVERSIGHT COMMITTEE STATUS BRIEFING
AUGUST 22, 2011**

**Christine Anderson
Executive Director
New Mexico Spaceport Authority**

Agenda



- **Overview**
- **Budget**
- **Bond Status**
- **Business Plan**
- **Jobs Report**
- **Informed Consent Legislation for FY12**



VISION

- World's premier commercial space launch facility providing first class service to our customers and delighting and inspiring our visitors

MISSION

- Provide safe, efficient and effective service for commercial space launch customers
- Provide safe, efficient and effective service for aerospace research and development customers
- Provide an educational, inspirational and fun experience for visitors

3

Why now?



- **National Space Policy**

- *"The United States is committed to encouraging and facilitating the growth of a U.S. commercial space sector that supports U.S. needs, is globally competitive, and advances U.S. leadership in the generation of new markets and innovation-driven entrepreneurship."*

- **Space Shuttle retirement 2011**
- **Military and Civil space investments in technology**
- **Market demand strong and growing**

4

Why Spaceport America?



- Close proximity to White Sands Missile Range
 - Use of restricted airspace
- Easy access from Interstate 25
- Approx 18,000 acres
- Sparse population
- 4600 ft above sea-level
 - Less fuel, more payload
- Excellent year-round weather
- Operations tailored to customer requirements



5

Spaceport America Customers



Horizontal Launch Customers



Vertical Launch Customers





Spaceport America



Students



Tourists

6

Flight activity highlights



- Armadillo Aerospace conducted their first launch on May 14; second on June 11
- Boeing has been conducting flight testing of a helicopter avionics system from May 15 – July 15
- Student launch on May 20; 800+ students involved
- 12 vertical launches to date
 - Lockheed Martin, UP Aerospace, Armadillo Aerospace, etc.



Economic Engine Contributor

7

Spaceport America Preview Tours



- Service started May 13
- National, international media coverage
- >600 tourists since start-up
- T or C retail store planned



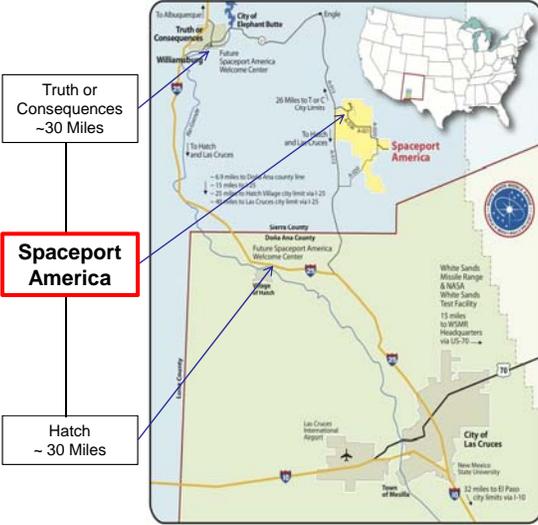
www.ftstours.com



Visitor Experience – coming June 2013



- **Locations**
 - Two welcome centers off I-25 (approximate areas near T or C and Hatch)
 - Onsite visitor center
 - Guard station/entrance
 - 4000 sq ft in the VG Bldg
- **A Typical Visitor Day**
 - Immersive exhibits
 - “Edutaining” Activities
 - Launch Viewing
 - Shopping and Dining



Tons of fun and technical dazzle!

IDEAS – Team Leader







- **Background**
 - Founded after Walt Disney management buyout in 2001
 - Worked on every major theme park and attraction for Disney and Universal
- **Focus Areas**
 - Special focus on storytelling, learning systems
 - In-house marketing, branding, technology development
 - Market-based decision-making

Team IDEAS

	<p>Industrial Engineering and Operations EPCOT, Statue of Liberty, US Capitol Visitors Center, Smithsonian Air & Space Museum</p>
	<p>Market Research and Feasibility Revenue Mgmt for all global Walt Disney Parks and Resorts</p>
	<p>Story and Cultural Consulting HAMAATSA Cultural Center, Santa Fe</p>
	<p>Sponsorship and Business Development WDW Wide World of Sports, Infineon Raceway</p>
	<p>Show Design and Architecture Themeparks in Dubai, China, Japan, Australia, Daytona USA, San Diego Air & Space Museum, Top Gun Rollercoaster</p>
	<p>Interiors and Show Design/Technology Hayden Planetarium, Six Flags, Nickelodeon/MTV Parks</p>
	<p>Production Architect Terminal Hangar Facility Architect of Record, ABQ Sunport</p>
	<p>Feasibility and Project Management Operations Mgmt for WDW, PM for Navy BattleStations 21</p>

Spaceport Overall Status

- **Phase 1 Construction 90% complete**
- **Phase 2 Construction / Pre-operations start up 18% complete**
- **Bonds “expire” June 2012, December 2013**
- **Seeking more launch customers**
- **Seeking private investors and partnerships**
- **Ramping-up tourism**

Transitioning from State-funded agency to self-sustaining enterprise

12

Phase 1 Construction		SPACEPORT AMERICA
Project Name		% Complete
SP-001	Cultural Resource Mitigation (Zia Engineering)	100%
	Construction Management (Gerald Martin)	95%
SP-002	Site Enabling Works (FNF New Mexico)	95%
SP-003	Airfield (David Montoya Construction)	99%
SP-004	Wastewater System (AUI)	99%
SP-005	On-site Electrical Distribution (McDade Woodcock)	99%
SP-006	Fencing (Apache/Valley Fence)	90%
SP-008	Internal Roadways (CMC Construction)	95%
SP-009	Water Distribution System (Smithco)	99%
SP-010	Apron (David Montoya Construction)	98%
SP-011	SOC / Grounds Maint. Building (Bateman-Hall)	80%
SP-012	Fuel Storage (FNF New Mexico)	99%
SP-013	Virgin Galactic Gateway to Space (Summit West)	88%
SP-014	Communications / Systems Integration	5%
	Off-site Power	80%
	Total % Complete	90%

Primary Power

SPACEPORT AMERICA

- **Primary Off-site Power – Sierra Electric Coop.**
 - **Three (3) contracted projects:**
 1. Shoofly – Complete
 2. Frontier Substation – Complete
 3. Distribution Line – 90% Complete, expected completion Sept. 1, 2011
 - **Unanticipated discovery mitigation underway – min. two week delay**
 - **Currently on critical path for all Spaceport construction projects**
 - **Est. project completion: Oct. 15, 2011**




14

Phase 2 Construction / Pre-ops start up



- **Protective Services, Fiore Industries** *(awarded August 5)*
 - Asset protection / emergency response, health, and safety management
- **Visitor Experience Development, IDEAS** *(awarded August 5)*
 - Tourism exhibits / immersive attractions / educational opportunities
- **General Services** *(in source selection)*
 - Building maintenance, ground support, fuel storage
- **Technical Services** *(in source selection)*
 - Mission operations / IT support
- **Internal roads build-out**
- **Vertical Launch area build-out**
- **Visitor Experience Facilities construction**
- **Southern Road construction**

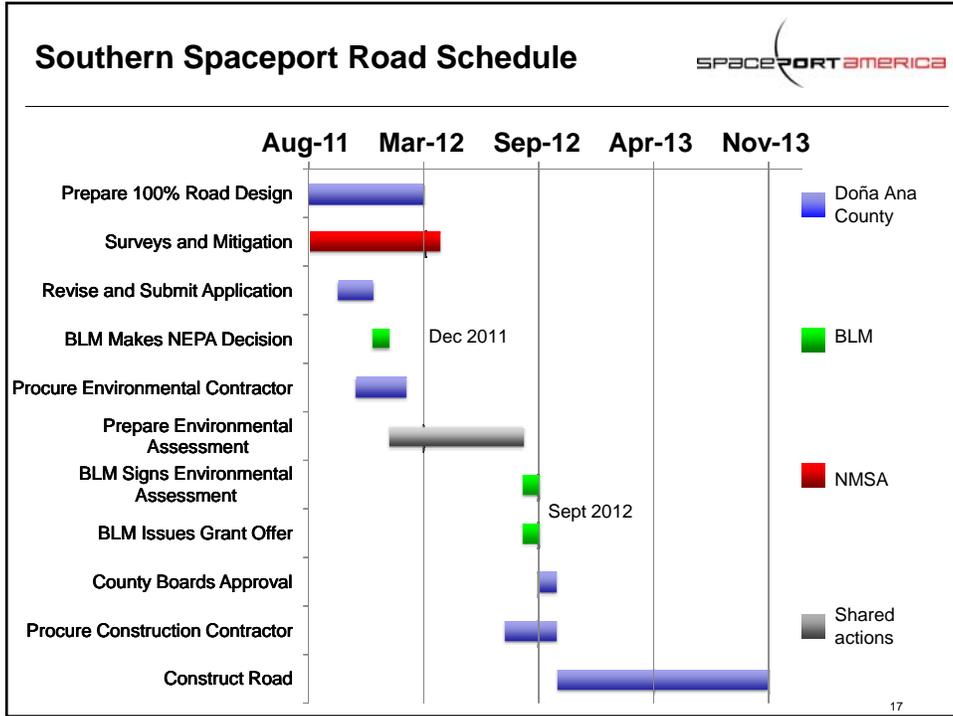
15

Southern Spaceport Road



- **Purpose:**
 - To provide better and more reliable transportation through southern part of Jornada del Muerto to Spaceport America
- **Description:**
 - Use existing Sierra County and Dona Ana County road alignments, with minor alignment adjustments for safety
 - Replace bladed dirt roads with a continuous asphalt road
 - Two 12-foot lanes with 8-foot shoulders
 - Improved erosion control and low-water drainage crossings
- **Agency Roles:**
 - NMSA -- funding project and providing technical assistance/facilitation
 - Dona Ana County -- providing design/engineering services and procuring/managing construction contractor
 - BLM and NM State Land Office -- to provide permits and right-of-ways

16



“Virgin Galactic Gateway to Space”
(formerly the Terminal Hangar Facility)



19

Spaceport Operations Center



20

Gateway and SOC



21

Spaceport Utility Infrastructure



Wastewater Treatment Plant



Fuel Storage Depot



1.3M gal Water Storage & Booster Station

22

Respect for the Environment



- LEED* Gold Certified facility (target)
- Year-round wildlife water supply
- Coexistence with working ranches
- Cultural and archaeological mitigation



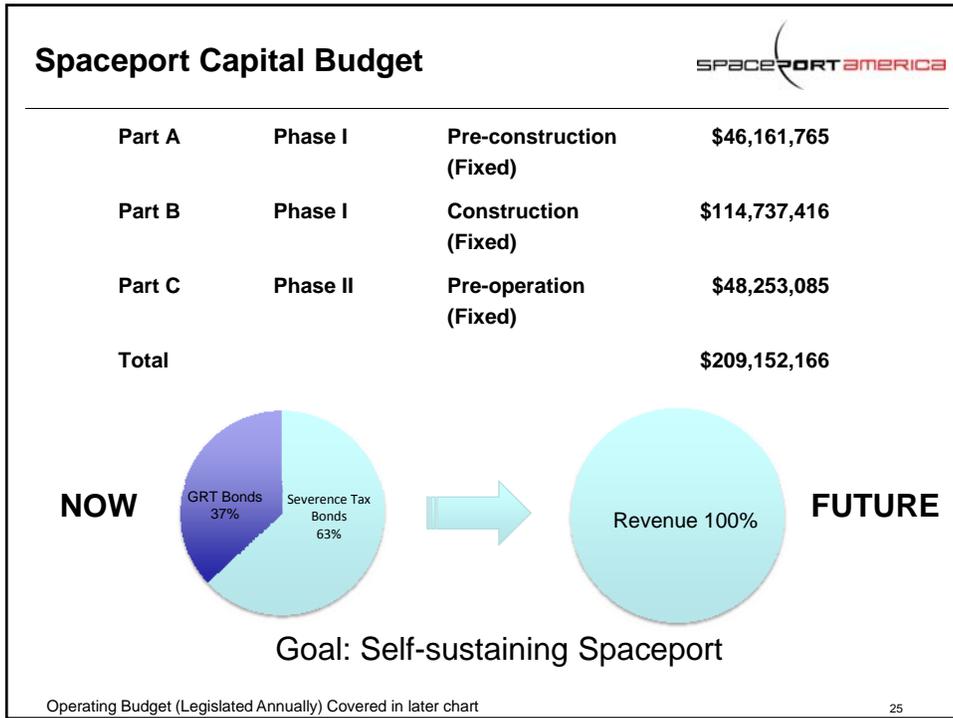
*Leadership in Energy and Environmental Design by US Green Buildings Council

23



Spaceport Capital Budget

24



Spaceport Budget: Pre-Construction



	Part A -- Project Costs 2004 - December 31, 2010	Actual and Planned	Actual \$	Planned and Contingency \$
	FY 2004-2007 Technical Contracts	\$2,635,000	\$2,635,000	\$0
	DMJM Programming and Preliminary Design	\$3,344,400	\$3,344,400	\$0
	FY 2007-2009 Other Technical Contracts	\$5,255,600	\$5,255,600	\$0
	URS THF Design	\$6,242,301	\$6,242,301	\$0
	AECOM Infrastructure Design (Active)	\$13,314,439	\$13,314,439	\$0
	FY 2009-2011 Technical Contracts	\$1,232,125	\$1,232,125	\$0
	NMDOT - Northern Road	\$10,000,000	\$10,000,000	\$0
	FY2009 - 2011 Capital contracts / expenditures - non-construction (Active)*	\$4,137,900	\$3,937,900	\$200,000
	TOTAL Part A - Project Costs	\$46,161,765	\$45,961,765	\$200,000

*\$200,000 reserved for Art in Public Places 26

Spaceport Budget: Construction



2008 - 30 June 2011		Current Budget	Actual Cost +/- Change Orders	Contingency Amount
Part B --- Phase I Construction Costs				
SP-001	Construction Mgmt Services (Gerald Martin)	\$4,327,875	\$4,327,875	\$0
SP-002	Site Enabling Works (FNF New Mexico)	\$3,395,231	\$3,095,231	\$300,000
SP-003	Airfield (David Montoya Const)	\$29,889,066	\$29,589,066	\$300,000
SP-004	Waste Water System (AUD)	\$2,504,450	\$2,304,456	\$199,994
SP-005	On-site Electrical Distribution (McDade)	\$3,906,681	\$3,706,681	\$200,000
SP-006	Fencing (Apache/Valley Fence)	\$1,174,631	\$996,148	\$178,483
SP-008	Internal Roadways (CMC Construction)	\$3,706,919	\$3,611,159	\$95,760
SP-009	Water Distribution System (Smithco)	\$6,976,750	\$6,890,087	\$86,663
SP-010	Apron (David Montoya Const)	\$6,168,889	\$6,118,889	\$50,000
SP-011	SOC (Bateman-Hall)	\$3,297,754	\$3,042,997	\$254,758
SP-012	Fuel Storage (FNF New Mexico)	\$853,173	\$778,173	\$75,000
SP-013	Gateway (Summit West)	\$36,102,939	\$33,462,230	\$2,640,709
SP-014	Communications / Systems Integration	\$6,393,970	\$5,754,573	\$639,397
Permanent Power (Sierra Electric Co-op)		\$6,039,088	\$5,539,088	\$500,000
TOTAL Part B - Phase I Construction Costs		\$114,737,416	\$109,216,653	\$5,520,763

Spaceport Budget: Pre-operational



Part C --- Project Costs Phase II (2011 - 2013)	Actual and Planned	Actual	Contingency
Southern Road/Safety Zones	\$14,120,000	\$13,000,000	\$1,120,000
Visitor Experience	\$15,000,000	\$15,000,000	\$0
Vertical Launch Area	\$3,060,000	\$2,550,000	\$510,000
Infrastructure (Roads, lighting, security fences, etc.)	\$4,873,870	\$4,465,870	\$408,000
SOC Furniture/Fitout/Equipment	\$4,497,910	\$4,497,910	\$0
Archaeological Mitigation	\$3,187,305	\$3,187,305	\$0
Pre-Operations/Commissioning	\$3,514,000	\$3,514,000	\$0
TOTAL Part C - Project Costs	\$48,253,085	\$46,215,085	\$2,038,000
Parts A, B and C	\$209,152,266	\$201,393,503	\$7,758,763

Current Total Available Funding (as of 6/30/11)	\$209,152,266
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Net Remaining Available Funding:	\$0
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NMSA Operating Budget

29

FY12 NMSA Operating Budget



PROJECTED BUDGET

\$500,000	Appropriated funds
\$222,000	FY11 Ops budget rollover funds <i>(pending end of year closeout and DFA final confirmation)</i>
\$200,000	Pre-FY11 Ops budget rollover funds <i>(pending DFA final determination)</i>
\$922,000	

PROJECTED EXPENSES

\$649,000	Category 200 (Personal Svcs) – 7 FTE Staff
\$107,000	Category 300 (Contractual Svcs) – Mobile Units, Audit contracts, etc.
\$166,000	Category 400 (Other) – Office space, utilities, DoIT, supplies, BOD costs
\$922,000	

30

FY13 NMSA Operating Budget

(July 1 2012 – June 30 2013)



PROJECTED BUDGET

\$500,000 Appropriated funds
\$422,000 Virgin Galactic Lease revenues

\$922,000

PROJECTED EXPENSES

\$649,000 Category 200 (Personal Svcs) – 7 FTE Staff
\$107,000 Category 300 (Contractual Svcs) – Mobile Units, Audit contracts, etc.
\$166,000 Category 400 (Other) – Office space, utilities, DoIT, supplies, BOD costs

\$922,000

31



Bond Status

32

Funding Profile



- **Appropriated General Fund** **\$25.1M** **(12%)**
 - Taxable

- **Severance Tax Bonds** **\$107.5M** **(51.4%)**
 - Taxable **\$83.5M** **(39.9%)**
 - **Tax-Exempt** **\$24M** **(11.5%)**

- **Gross Receipt Tax Bonds** **\$76.4M** **(36.6%)**
 - **Tax-Exempt 100%**

- **Implication: Facilities built with tax-exempt funds cannot be exclusively leased to private entities (e.g. tenants, concessionaires)**

- **Challenge: Careful allocation of bond proceeds to ensure revenue-generating facilities are built with taxable proceeds only**

33

Severance Tax Bonds Summary

(As of July 2011)



	Starting	Spent	Balance
Total Bond Proceeds	\$107,500,000.00	\$69,678,836.71	\$37,821,163.29
Bond Series			
STB07SA	\$21,662,702.00	\$21,662,702.15	\$0.00
STB07SD	\$11,337,298.00	\$9,826,685.18	\$1,510,612.82
STB08SC	\$7,500,000.00	\$2,189,944.20	\$5,310,055.80
STB08SD	\$33,000,000.00	\$33,000,000.00	\$0.00
STB09SD	\$10,000,000.00	\$2,999,505.18	\$7,000,494.82
STB10A	\$24,000,000.00	\$0.00	\$24,000,000.00

34

GRT Summary			
<i>(As of July 2011)</i>			
Total Collections			
	75% to SARSD	25% to Counties for Education	
Total to Date	\$11,672,803.61	\$3,890,934.64	
Total Proceeds			
	Starting	Spent	Interest
2009 Series	\$58,004,732.00	\$43,472,274.58	\$60,587.46
2010 Series	\$18,429,000.00	\$5,988.26	\$4,480.38
Total to Date	\$76,433,732.00	\$43,478,262.84	\$65,067.84
			\$14,593,044.88
			\$18,427,492.12
			\$33,020,537.00

35

GRT Bond Proceeds Use Guidelines			
<ul style="list-style-type: none"> • GOVERNMENTAL USE <ul style="list-style-type: none"> – Capital <ul style="list-style-type: none"> • Construction • Environmental Activities • Planning Activities • Pre-operational Testing, Drills, & Commissioning • Construction-related Legal Services – Working Capital (5% limit, i.e. \$3.82M) <ul style="list-style-type: none"> • Non-construction-related Legal Services (e.g. water, land issues) • Program/Procurement Management • Financial Management • Export Control Planning 			

36

GRT Bond Proceeds Use Guidelines

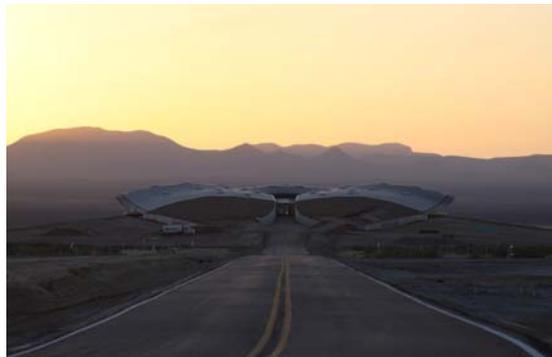


- **PRIVATE USE** *(10% limit, i.e. \$7.64M)*
 - Private use-related Legal Services (e.g. VG contract review)
 - Potential Private Use (e.g. concessionaires)

37



Draft NMSA Business Plan 2012 - 2016



38

5 Year Business Plan



STRATEGIC GOALS

- Self-sustaining and profitable
- Robust economic engine for local area and State
- Efficient and effective operations for all customers

DRAFT

Major Business Sectors



- Commercial Space
- Federal Government Space
- Tourism
- Education

DRAFT

Commercial Space



Goal: Attract current and future commercial space customers to foster the commercial space industry in New Mexico.

OBJECTIVES

- Sign one more major tenant by 2015
- Full operational capability for vertical launch by 2015
- Initial operational capability for horizontal launch by 2013
- Full operational capability for horizontal launch by 2015

RISKS

- VG experiences major delay
- Commercial space industry is slow to develop
- Lack of robust Informed Consent legislation in NM

STRATEGIES

- Diversify customer base
- Network and participate in industry to gain customers
- Incentivize select customers
- Promote revision of Informed Consent legislation in 2012

41

Federal Government Space



Goal: Position Spaceport America as a strategic national asset by supporting federal government space research and development.

OBJECTIVES

- Host four Air Force R&D flights by 4Q 2014
- Host five NASA R&D flights by 4Q 2012

RISKS

- Uncertainty of federal government funding
- International Traffic in Arms Regulations (ITAR) concerns

STRATEGIES

- NASA/Ames Space Act Agreement in 2011
- AFRL MOA in 2011
- Strong federal government space advocacy
- Hire ITAR consultant to draft procedural guidelines

42

Tourism



Goal: Globally recognized as unique, exciting tourist destination.

OBJECTIVES

- Become the #1 tourism destination in New Mexico by 2018
- Attract over 140,000 visitors/year in 2014
- Develop supporting infrastructure for Visitor Experience by 2013
- Grow Preview Tour operation to 3,000 visitors in 2013
- Generate a profit from visitor services in the first full year of operation

RISKS

- Sluggish economy
- Underfunded and/or poorly marketed Visitor Experience

STRATEGIES

- Hire world-class visitor experience development contractors
- Increase outside investment with \$10M in pre-opening partnerships
- Encourage local community preparation for mass tourism

43

Education



Goal: Inspire US students to embrace science, technology, engineering and math (STEM).

OBJECTIVES

- >35% of visitors under the age of 18 per year
- Develop strong spaceport STEM education and workforce development plan by 2012
- Develop robust internship/co-op program, supporting >20 interns by 2014
- Host >5 student-focused events per year by 2013

RISKS

- Poorly targeted exhibit and interpretive content for students
- Lack of coordination with related existing educational services and programs
- Lack of public education support for field trips

STRATEGIES

- Hire world-class visitor experience development contractors
- Support FAA Center of Excellence (9 University participants)
- Incentivize student attendance through targeted admission pricing
- Support annual student launch event NMSGC

44

Sustainability / Reinvestment



Goal: Maintain infrastructure at a level commensurate with being the premier commercial space launch facility.

OBJECTIVES

- Reinvest initial revenues to build-out the spaceport operational capability in 2014-2015
- Reinvest at least 50% of earnings back into respective business sectors in 2016+

RISKS

- Commercial industry is slow to develop
- Sluggish economy

STRATEGIES

- Build and maintain two years' worth contingency fund for operating expenses
- Proactively seek and sign on new customers
- Proactively maintain existing customers
- Continually refresh and enhance visitor experience

45

Spaceport-related Economic Development



Near-Term (now – 2012) Unsustained Growth

- Construction, architecture, management jobs
- Increased hotel occupancy and rentals

Mid-Term (2013 – 2014) Fluctuating Growth

- Limited spaceport operations jobs
- Tourism start-up
- Fluctuation in launch customers
- VG reaches initial ops capability

Far-Term (2015 –) Sustained Growth

- Spaceport operations jobs
- Increased home sales, hotel occupancy, retail sales, restaurant patronage
- Ancillary spaceport start-up businesses
- Increased sustained vertical launch customers
- At least one new major tenant
- VG reaches full ops capability

46

Spaceport Job Creation (2009 – 2012)

(Near term)



- **Doña Ana County (167 Jobs)**
 - AUI, Inc.
 - Enoch Mechanical
 - Smithco
 - Bateman Hall
 - Les File Drywall
 - Bohannon Huston
 - New Mexico Spaceport Authority
 - Zia Eng. & Env. Consultants
 - La Calerita Construction
 - Doña Ana County (Southern Road)
 - Dimar Systems, LLC
 - Bowers Electric
 - Molzen Corbin & Associates
 - Maulding Drilling
 - Wilson Binkley Adv. & Marketing
 - Hubert & Hernandez, LLP
 - Miller Stratvert Law
 - Overview Research
 - Peters Law Firm

- Southwest General Construction
- Gerald Martin
- Dekker Perich Sabatini
- Honey Pot
- Alatec, Inc.

- **Sierra County (134 Jobs)**
 - Bowers Electric
 - CMC Construction
 - Enoch Mechanical
 - Gerald Martin
 - Bateman Hall
 - Sierra Electric Cooperative
 - Smithco
 - NM DOT
 - Chief Security
 - Fiore Industries
 - ASAP Excavation

47

Spaceport Job Creation (2009 – 2012)

(Near term)



- **Other NM (429 Jobs)**
 - David Montoya Construction
 - FNF New Mexico
 - Energy Erectors
 - McDade Woodcock
 - Office of Archaeological Studies
 - Seal Co, Inc.
 - T&D Industries
 - URS Corporation
 - Valley Fence
 - Windsor Door Sales
 - Merit Insulation
 - Advanced Testing
 - AECOM

- SMPC Architects
- Procurement Solutions
- Larry Littlebird
- Tri State
- Rodey Law Firm
- Progressive Construction Mgmt
- Van Citters
- Jemez Mountain Research Center
- Bateman Group

Near term: 710 Jobs

48

Spaceport Job Creation (2013 – 2014)

(Mid-term)



- **DIRECT (182 Jobs)**
 - **NMSA (7)**
 - Protective Services (25)**
 - General Services (15)**
 - Technical Services (5)**
 - Hospitality Management (20)**
 - Other Support Service Contracts (10)**
 - **Virgin Galactic initial ops capability (100)**
- **INDIRECT* (269 Jobs)**
 - **Supply Chain (253)**
 - **Indirect Tourism (16)**
- **INDUCED** (113 Jobs)**

Mid-term: 564 Jobs

*Based on NM Tourism Travel Economic Impact Models (1 job created per \$70k spend)
 NMSA Business plan (3,000 visitors)
 NM EDD RIMS II Aerospace Economic Impact Model (2.48 Type I Multiplier)

**Jobs created through spending of Direct and Indirect job wages (3.1 Type II Multiplier, per NM EDD)

49

Spaceport Job Creation (2015 –)

(Far-term)



- **DIRECT (477 Jobs)**
 - **NMSA (7)**
 - Protective Services (25)**
 - General Services (25)**
 - Technical Services (10)**
 - Hospitality Management (100)**
 - Other Support Service Contract (10)**
 - **Virgin Galactic full ops capability (200)**
 - **At least one new major tenant (50)**
 - **Increased sustained vertical launch customers (50)**
- **INDIRECT* (1216)**
 - **Supply Chain (706)**
 - **Indirect Tourism (510)**
- **INDUCED** (296 Jobs)**

Far-term: 1988 Jobs

*Based on NM Tourism Travel Economic Impact Models (1 job created per \$70k spend)
 NMSA Business plan (140,000 visitors)
 NM EDD RIMS II Aerospace Economic Impact Model (2.48 Type I Multiplier)

**Jobs created through spending of Direct and Indirect job wages (3.1 Type II Multiplier, per NM EDD)

50

Budget Projection Assumptions



- **FY12**
 - Complete Phase 1 Construction
 - Severance tax bonds "expire"
 - Start Phase 2 Construction
 - 1,500 visitors @ \$75 spend with 15% margin
- **FY13**
 - 2009 GRT bonds "expire"
 - 3,000 visitors @ \$75 spend with 15% margin
- **FY14**
 - Complete Phase 2 Construction
 - 2010 GRT bonds "expire"
 - VG Lease begins
 - VG User Fees @ 75% of VG projections
 - One additional tenant
 - 140,000 visitors @ \$55 spend with 15% margin
- **FY15/16**
 - VG User Fees @ 50% of VG projections
 - Steady state of visitors, then 8% growth starting in FY16

51

5 Year Ops Budget Projection



FISCAL YEAR	2012	2013	2014	2015	2016
Operating Income					
<i>Total Virgin Galactic Revenue</i>	-	422,000	5,296,500	6,004,000	6,770,250
User Fees, THF Lease and Rent					
<i>Total Other Operating Revenue</i>	30,563	67,413	1,256,750	1,222,338	1,502,295
Other customers' User Fees & Lease Fees, Fuel sales, Visitor revenue					
General Fund Appropriations	500,000	500,000	-	-	-
Prior FY Appropriations	422,020	-	-	-	-
Total State of NM Operating Income	922,020	500,000	-	-	-
Operating Expenses					
Core Operation Expenses	-	-	5,171,185	5,365,322	5,567,491
NMSA Agency Expenses	922,020	922,020	1,174,500	1,229,702	1,287,497
Total Expenses	922,020	922,020	6,345,685	6,595,024	6,854,988
<i>Total Expected Capital Reinvestment</i>	24,450	53,930	166,052	505,051	1,134,045
Assumes 80% reinvestment in facilities and equipment					
Total Net Operating Cashflow	\$6,113	\$13,483	\$41,513	\$126,263	\$283,511

52

5 Year Capital Budget Projection



FISCAL YEAR	2012	2013	2014	2015	2016
Capital Income Sources					
Severance Tax Bonds	15,235,976	-	-	-	-
Gross Receipt Tax Bonds	14,592,109	13,818,750	4,606,250	-	-
Total Capital Income Sources	29,828,085	13,818,750	4,606,250	-	-
Capital Expenses					
Pre-Operational/Start-up Expenses	1,314,000	2,200,000	-	-	-
Phase 2 Construction	28,487,085	11,618,750	4,606,250	-	-
Total Capital Expenses	29,828,085	13,818,750	4,606,250	-	-

53

Media Coverage July – August 2011



- Lou Dobbs Radio Show
- CNN
- NPR Weekend Edition
- ABC News/KOAT TV
- Airliners and Airports Magazine
- AOL Travel
- Associated Press
- Wall Street Journal
- Dallas Morning News
- NPR Weekend Edition
- SPACE.COM
- Airport International Magazine
- Business Week Magazine
- Las Cruces Sun-News
- El Paso Times
- Albuquerque Journal
- Las Cruces Bulletin
- AAA Travel Magazine
- USA Today/Travel
- CNBC
- Bloomberg News
- FOX News
- Gary Sandler Radio Show
- Aviation Week

54

Informed Consent Legislation for 2012



- **New Mexico Space Flight Informed Consent Act of 2010**
 - Indemnifies operators, but not suppliers
 - Contains sunset clause in 2018
- **TX, FL, VA have passed more robust legislation in 2011**
 - Indemnifies operators and suppliers
 - No sunset clause
- **NM must pass similar robust legislation in 2012 to be competitive**

Legislation is essential to success of Spaceport America

55

Questions?

