Tips & Trick for Microsof Flight Simulator 2004

by David "Opa" Marshall

INDEX May 2005

TITLE	SUBJECT	SUMMARY	RELATED DOWNLOAD	D/L FILENAME	DOWNLOAD AUTHOR	AIRCRAFT or SCENERY GENERAL NAME	AIRCRAFT or SCENERY SPECIFIC NAME	LINK	T&T ISSUE
3D Contrails	Aircraft tweak	Download to enable creaton of realistic 3D contrails behind high-flying aircraft.	3D Contrail	fscontrail2004_v1.0.zip	Michael Thomas			http://www.avsim.com/	10
3D Contrails	Website	Link to discussion on creating aircraft contrails.			Scott Gridley			http://forums.avsim.net/dcboard.php?az=show_m	10
A "Dream" setup	Systems	Illustrated description of one simmer's hardware setup for FS.							9
A "Must Have" on Your Favorite Web Site List	Website	Link to the FAA (Federal Aviation Administration) website, USA. Provides NOTAM information and other services.						http://www.faa.gov/	11
A "Heads Up" for Scenery Designers and/or	Design	A flyable basic "pointer" for positioning objects in FS using programs such as RWY12.		scenery_pointer.zip	Larry Silsbee			http://www.avsim.com/	11
A Caution to Observe When Changing Items in the FS9.cfg	FS performance	Caution to only edit FS9.cfg when FS2004 is NOT running.							8

A Couple of Tricks Using AFCAD	Scenery	Using AFCAD to provide other scenery enhancements such as roads and grassed areas, inspired by Craig Swartzlander's work (see						http://it-dev-cas7.pn.buffalo.edu/fse/	5
A Funny Thing Happened On The Way To The	Website	Suggestion to use online FS forums as a help resource.							3
A Great Demo Program!	Aircraft	Downloadable demo of FS aircraft menu viewr; enables viewing of aircraft and liveries, including any made invisible for AI purposes. Full payware version allows liveries to be edited / repainted.	Abacus FSR (Flight Simulator Repaint)					http://www.flightsimdownloads.com/pub/AbacusFSRepaintDemo.exe	11
A New Tool for Scenery Creators	Design	Tool to capture values such as coordinates from FS2004 for use in various scenery creation programs.		fs-values.zip	Wolfgang Schwarz			http://www.avsim.com/	10
A Sound Enhancement for Helicopters	Aircraft	Guage which enables sound changes according to engine speed of		chpsnd_04.zip	Alejandro Villa, Brian Kostick			http://www.flightsim.com/cgi/kds/main/menuchoo.	11
A Source for How To's	Website	Link to Flightsim.com's tutorial and how-to section.						http://www.flightsim.com/cgi/kds?$=main/m-	10

A Unique Fundraiser	Scenery	A scenery package to add the historic City Federal Building to Birmingham, Ala., with links to a fundraising site to save the building from demolition.		cityfederal.zip	Central Alabama Scenery Design	United States	Alabama	http://www.avsim.com/	8
A Useful Windows Utility	Utility	Windows toolbar which allows quick access to files.		find.pcworld.com/47126				Use search engine - e.g. Google - and search file name	11
A Virtual Cockpit - Just What Is It?	Aircraft	Explanation of what a virtual cockpit is and comparison with the 2-dimensional cockpit / panel.							11
A Word Regarding Sceneries etc I Have Mentioned	Editorial	Explanation of author's focus in US sceneries.							4
Adding a Tower	Scenery	Adding identification, comm and nav frequencies for control towers using AFCAD.							10
Addon Mesh Resource Site	Website	Link to site with information on effective installation of terrain mesh in FS2002 and FS2004, and how to test how FS handles the mesh.	FS-Traveller					http://www.fs-traveler.com/priority.shtml	7

AI Sounds 101	AI traffic	Introduction to Artificial Intelligence aircraft. Download package to enhance the sounds of AI aircraft.		aisound_1.0.zip at AVSIM, aisnz.zip at Flightsim.com	Christian Neuberg, Aaron R. Swindle			http://www.avsim.com/	11
AI Sounds 101	AI traffic	Explanation of FS traffic .bgl files. Ability of FS2004 to use several traffic files.							11
AI traffic	AI traffic	Alternatives to the default AI airlines; repaints, traffic bgl, link to Project AI.						http://www.projec	2
Aircraft	Aircraft	Invisible "spotter's" plane for viewing scenery or aircraft spotting.		spottersplane.zip				http://www.avsim.com/	1
Aircraft	Surface vehicle	Pilotable ground vehicles, specifically Bill Lyons' classic Jaguar XK-120 sports car.	Search for this and other downloads		Bill Lyons			http://windrfters.com/	1
AIS equipped aircraft	Aircraft	Aircraft with Automated Inbuilt Scenery, which produces service vehicles etc. around parked aircraft.	Baby Boeings, Airbus Twins, 767 Heaven and others		Jon Murchison and others			http://arnz.myhost.co.nz/.	2
Alias? What's this Alias thing you mentioned?	Aircraft tweak	How to edit aircraft, panel or sound cfg files to use the panel or sound from a default or other aircraft.							
And The Answer Is…	Design	Using AFCAD to ensure new airport designs will show in the FS airport menu. How to add an							5

Another AI Tip	AI traffic	How to edit FS9.cfg to change what displays in the visible labels which can be attached to AI							11
Another Fine Addition	Scenery	Scenery package to place the Queen Mary at anchor near Quebec city.		qm2quebec.zip	Pierre Gallant	Canada	Quebec	http://www.avsim.com/	9
Another Fine Addition	Scenery	Two finely detailed sceneries of Chateau Frontenac, Quebec City, and the nearby Beaupre Basilica, Canada.		FRONTENAC2004.zip Beaupre2004.zip	André Côté and Michel Baron	Canada	Quebec	http://membres.lycos.fr/decorsfs/	9
Anti-aliasing, Trilinear and Other Strange Words	FS performance	How to adjust hardware settings to enhance FS performance. Also link to site with system guides section for help with anti-aliasing and other tweaks.						http://www.tweakguides.com	11
Artificial Horizon - Where is It?	FS performance	How to set and edit the red V axis indicator which can be made to appear centre-screen in cockpit.							3
ATC doesn't recognise your aircraft?	Aircraft tweak	Editing aircraft.cfg so ATC correctly refers to your aircraft in radio chatter.							1
ATC doesn't recognise your aircraft?	Utility	Link to EditVoicePack ATC utility site	EditVoicePack	See site				http://bevelstone.xs4all.nl/FlightSimulator/EditVoic	1

Autogen Problem?	FS performance	Editing FS9.cfg to remove some autogen scenery objects and enhance framerates.							11
Basic	FS operation	Changing view - "Shift" key not needed when using number pad to change view							1
Basic	FS performance	Windowed mode - improvement on frame rates							1
Basic	FS performance	System performance enhancement	Reality XP FS2004 tweaker	reality_xp_fs2k4_tweaker.zip	Reality XP			http://www.avsim.com/	1
Better Late Than Never	Aircraft	The Team FS KBT F/A-18 Hornet package, with several variants included. Update also available.		fa18esh3_138105.zip fa18e231.zip (update)	Team FS KBT	McDonnell-Douglas	F/A-18 Hornet	http://www.avsim.com/	11
Better Looking Airports	Scenery	Airport environment upgrades to improve textures of buildings, runways, taxiways etc.	Airport Environment Upgrade 7.0 (AEU7) and others	aeu7.zip	Chris Arrington			http://www.avsim.com/	5
Bonus File	Attachment	Splash screen of blimp over New York, included with the T&T download.							6
But "Real Men" Don't Consult Maps!	Website	Short list of links to on-line map resources.							6
But I Can't Remember the ICAO Code!	Utility	Tool to find ICAO code on input of airport name. Runs with or without FS running.		icaosrch.zip	Xavier DePasquale			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	9

But I Don't WantTo Throw It Away!	Aircraft	Hint for making some FS2002 aircraft compatible with FS2004.							6
Bypass the Startup Screen!	FS performance	How to edit FS9.cfg to bypass the startup screen and go to the default flight. How to set a default flight. Updated in T&T 4.	Update - T&T 4 - "Twenty Lashes with a Wet Flightplan"					Update - T&T 4 - "Twenty Lashes with a Wet Flightplan"	3
Bypass the Startup Screen!	FS performance	**Location and editing of FS9.cfg**							3
Call of Nature	Scenery	Download scenery for Smiley Creek U87, Idaho.	Smiley Creek	u87.zip	Tom Fica	United States	Idaho	http://www.avsim.com/	4
CFG files and how to easily access them	FS performance	How to open Flight Sim's various .cfg files in Notepad for editing.							7
Changing the Default Startup Flight	FS performance	Step by step illustrated guide for setting a default flight.							10
Changing your Slew Speed	FS performance	Editing FS9.cfg to change movement speed in slew mode, for example during scenery editing.							8
Charting Your Course	Real world aviation	Links to sites for charts.						Refer to article	10
Charting Your Course	Scenery	List of water-based airfields in the US appearing in FS2004.		fs9_airports.zip	Winfried Orthmann			http://www.avsim.com/	10

Clarification	Aircraft tweaks	Qualified advice on editing some cfg files for aircraft while FS is running.							9
Columbia River Gorge Fire Tower locations	Attachment	Text file attachment in T&T 8 package with precise positions of fire towers in Holger Sandmann's Columbia River Gorge scenery							8
Cool Car	Surface vehicle	Driveable Formula 3 car for FS.	f3cards.zip		Dennis Simanaitis			http://www.flightsim.com/cgi/kds/main/menuchoo.	8
Creating More Disk Space	Systems	Using the Windows XP compression facility followed by defragmenting to regain hard disk space.							10
DC3 Tail Dragger	Aircraft	Howard 500 aircraft reccommendation	Search for Howard 500 - for base pack, updates, addons	hw5vc4.zip and others	Milton Shupe	Howard	500	http://www.avsim.com/	1
DC3 Tail Dragger	Aircraft tweak	Enabling steerable tailwheel in DC3 or other taildragger by editing aircraft.cfg							1
Defrag	FS performance	Improving FS performance by defragmenting your hard drive.							4

Did You Know Department	FS performance	FS2004 saves the last flight details on exiting FS, and this can be accessed by selecting "Previous flight" from the flights menu.							6
Did You Know?	FS performance	Link to Microsoft form to report errors and faults in default FS2004.						See "mailto" link in T&T 4	4
Did you know?	Scenery	Location of default Cape Canaveral / Space Shuttle scenery in FS9.				United States	Florida		3
Didn't We Fly Past That Cloud Ten Minutes Ago?	Navigation	Use of default FS tools and FS navigator.							4
Different File Names for the Same Scenery - Why?	Background	Explanation of why similar download packages have different names at different download sites.							8
Double your Pleasure - Double your Fun	Systems	Link to site about multi-monitor gaming setups						http://graphics.tomshardware.com/graphic/20040216/index.html	10
Drivers Education 101	Surface vehicle	Hints on using drivable cars in FS.							4
Duplicate AFCADs?	Utility	Utility to check for duplicated AFCADs which may cause conflicts with AI traffic etc.	Scan AFCAD	scanafd.zip	Eliot Rogers			http://www.avsim.com/	1

Duplicate scenery textures	Scenery	Utility which helps locate duplicated scenery textures to recover disc space.		find_all_duplicate_v2.3.zip	Gerard Durand			http://www.avsim.com/	1
Exceptional items	Utility	Utility to enable following of AI traffic, with a variety of options.	Traffic View Board	tvb_v2.1.zip	Arnt Helge Haland			http://www.avsim.com/	2
Exploring Waterways	Website	Japanese site providing unusual pilotable land and water craft for FS, e.g. hovercraft, jetfoils, campervan. T&T includes hints to add wakes and correct oversights in instructions.						http://f1.aaa.lived	5
Feel Like Starting Over?	FS performance	Location of original textures on the FS CD set if needed for backup.							9
Fireworks! Fireworks! Every Kid Likes Fireworks!	Scenery	Package to install fireworks displays at your choice of locations.		aworldoffireworks.zip	Ron Jeffers			http://www.avsim.com/	9
For Kids (of all ages)	Aircraft	The Nimbus flying broomstick (from Harry Potter)		stn2004.zip	Shigeru Tanaka			http://www.flightsim.com/cgi/kds/main/menuchoo.	3
For the Birds	Aircraft	Download of fully animated swans, either flyable or able to be used as AI.		Bird_SWAN.zip	Mitsuya Hamaguchi			http://www.bekkoame.ne.jp/i/m28hama/HammaField.htm	10
For Users of the LAGO FSE program only	Utility	Program to edit Lago FSE scenery objects.	fse_editor_2.zip		Steve Dunne			http://www.avsim.com/	8

Forum Tip!	Website	Hint to select notification of replies to your forum posts.							5
Frame Rate Blues?	FS performance	Modified autogen file to improve frame rates.		FPS_Patch_FS9.zip	Eddie Batista			http://www.surclaro.com	10
Frame Rate Blues?	FS performance	How to display frame rates on screen.							10
Frame Rates	FS performance	Setting target frame rates.							3
From One Extreme To Another	Aircraft	Firefly ultralight aircraft, in wheeled and float versions and a choice of paints.		kolb_firefly_1.zip and fix kfg.zip	Byron Warwick	Kolb	Firefly	http://www.avsim.com/	11
Full Screen Look Alike	FS performance	How to use FS in windowed mode with menu bars hidden.							4
Get In On The Ground Floor!	Website	A German/English site with numerous downloads to enhance FS.			Juergen Haible			http://www.elbiah.de/flusi/	4
Give Yourself a Present!	Aircraft	MAAM (Mid Atlantic Air Museum, Penn.) B-25 aircraft, "Briefing Time", for FS2002 or, with upgrades, for FS2004. Payware.			MAAM	North American	B-25 Mitchell	http://www.maam.org/	3
Give Yourself a Present!	Scenery	Scenery of Reading, Penn. Airfield and Midwest Air Museum.		krdg-fs9.zip	Bill Womack, Kenneth Weik,	United States	Pennsylvania	http://www.avsim.com/	3

Gone, But Not Forgotten	Aircraft	Martin 404 airliner by Dee Waldron	Browse menu on site - various related files		Dee Waldron	Martin	404	http://www.calclas	8
Gone, But Not Forgotten	Website	The California Classics website, specialising in historical airliners and scenery.						http://www.calclas	8
Good things DO Come in LARGE Packages!	Scenery	Scenery of Thunder Bay, Ontario, Canada. NB - large but detailed download		thunderbay2.zip	Flight Ontario	Canada	Ontario	http://www.avsim.com/	5
Guage Removal Program	Utility	Program to sort and remove unused guage files from the FS Guages folder.	DR.GUAGE	drg32.zip	Alessandro Antonini			http://www.avsim.com/	10
Guages	Utility	Utility to remove (or backup) unused guages from the FS guages folder.		GuageClean4.zip	Scott Campbell			http://fsflightdeck.	2
Helicopter Pilot In Training?	Aircraft	Agusta helicopter recommended for easier landings using its wheeled gear.		Gmax_Agusta_109.zip		Agusta	109	http://www.hovercontrol.com/	7
Helicopter Pilot In Training?	Scenery	Hints on learning to handle helicopters in FS.	Airport Environment Upgrade 7.0	aeu7.zip	Chris Arrington			http://www.avsim.com/	7
Helicopters 101	Utility	Utility providing automatic hover and other useful modifications to FS helicopters.		206mod.zip	Robert Hawk			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	5

Ho hum …	Website	Link to FS-shipyards website, offering pilotable ships.						http://fs-shipyards	3
Hooked on Simming	Attachment	Files to add aircraft themed cursor	Included in T&T 4 package						4
How Safe is Safe?	Background	Short explanation about virus security on FS downloads, the checks in place at established sites and occasional false alerts raised by anti-virus software.							10
Humour Department	Humour	Joke. I won't spoil the punchline.							6
I Can Fly Anywhere!	Utility	File which creates a huge "pipe" to fly through as a training course. (Update re downloading is in T&T issue 7)	Training Course	courseaj.zip	Andy Johnson			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	6
I Know the "Engines Are Not Running"!	FS performance	How to turn off unwanted flying tips.							7
Identifying AI Traffic	AI traffic	Changing the FS settings which display identifying text tags on AI traffic which is in sight of your aircraft.							10

Important Scenery Information Update!	FS performance	Capacities of FS2002 and FS2004 for additional sceneries. Location and role of language.dll file							7
In Case You Are Wondering Department	Editorial	Author's non-association with any FS site, program or author.							5
In Case You Missed It Department	FS performance	A short tutorial download explaining how to create a simple menu of your favorite flights that will allow you to go directly to that flight, and bypass all of the normal startup screens.		favorite_flights_menu.zip	David "Opa" Marshall			http://www.avsim.com/	10
In Case You Missed It Department	Scenery	FAQ document for the Runway 12 (RWY12) Object Placer.		rwy12_object_placer_faq.zip	David Marshall, Gary Mills, Charles McMillan, Israel Roth, Seev Kahn			http://www.avsim.com/	9
In Case You Missed It Department	Scenery	Updates to Holger Sandmann's *Columbia River Gorge* scenery.		crg_upd1.zip	Holger Sandmann and Larry Silsbee	United States	Washington	http://www.avsim.com/	11
In Search of Realism Department	AI traffic	Set of AI paddle wheel vessels for the Mississippi River. Available at Hovercontrol or AVSIM.		ai_river_queen.zip	M. Allen Richards			http://www.avsim.com/	8

In Search of Realism Department	Scenery	Detailed scenery for Bacolod Airport in the Philippines. Has dynamic components.		gmax_bacolod_v2005.zip	Ver Walter Gulfan	Philippines	Bacolod	http://www.avsim.com/	8
In Search of Realism Department	Utility	A progrem to play ATC radio chatter, customisable to change with locality, range etc. Update file also needed.	FSChatter	fsc265.zip fsc265u.zip	Dave Westbury			http://www.avsim.com/	8
In Search of Realism Department	Website	Link to site for AI Flight Creator and other FS utilities.	Dave Westbury's FlightSim Hangar		Dave Westbury			http://ca.geocities.com/digiwest2002@rogers.com/	8
Is Your Monitor Stu…….tt…….er……ing?	Utility	Download allowing PCI latency to be set to prevent stuttering in high-end setups.						http://downloads.guru3d.com/download.php?det=951	11
It's FREE … Or Is It?	Editorial	Reminder that someone has to pay for the "free" FS websites, and how some depend on hits or sales at sponsor sites.							6
Jetways	Scenery	Package to add jetways to those airfields lacking them in the default version.		FS9JETS.ZIP	Patrick Finch			http://www.avsim.com/	4
Just What does ICAO Stand For?	Real world aviation	Explanation of the common term for the Canadian based organisation which sets various international transport standards.							9

Keeping in Shape	Systems	Link to forum thread about enhancing Windows XP performance, which in turn may improve FS performance.						http://forums.avsim.net/dcboard.php?az=show_mesg&forum=197&topic_id=2504&mesg_id=2504&	11
Knowledge Test	Background	A short question - useful for after-dinner quizzes.							7
LAGO	Scenery	Link to Lago site for Lago FSE (or FSSE and FSSC in FS2002)		See options on site	Lago			http://www.lagosim.com/default.asp?lang=eng	1
Less is Better!	Aircraft	Combining textures from aircraft using same base model into one folder (I.e. adding textures to base folder instead of separate installations).							4
Let's Go "Barnstorming"	Scenery	Scenery of a rural barn with both ends open, for adventurous pilots to fly through.		buzzbarn.zip	Danny Levin			http://hovercontro	8
Let's Go Hunting!	Scenery	Elk camp scenery on Mt. Hood, Ore. Two versions, one default, one for Holger Sandmann's "Columbia River Gorge" scenery.		Elk_Camp_2005.zip or Elk_Camp_2005_cg_fix.zip	M. Allen Richards	United States	Oregon	http://hovercontro	6
Let's Go Sightseeing!	Scenery	Scenery of Columbia River Gorge, including navigable river.		cr_gorge.zip	Holger Sandmann	United States	Oregon Washington	http://www.avsim.com/	5
Let's Go Sightseeing!	Scenery	Scenery of Sydney Harbour, Australia.		syd2004.zip	Clive Marriott	Australia	New South Wales	http://www.avsim.com/	5

Let's Go Sightseeing!	Scenery	Statue of Liberty, NY, scenery.		statueofliberty.zip	Daniel Buechter	United States	New York	http://www.avsim.com/	5
Lights - Camera - Action!	Aircraft tweak	Enhancement to the panels of the default FS2004 Lear 45 and Boeing 737. The author adds his own version of the amendments to his configuration.		fs9ewl.zip	Ulrich Klein			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	10
Links to My Uploads	Website	Link to files uploaded by David Marshall at AVSIM			David "Opa" Marshall			http://library.avsim.net/esearch.php?CatID=fs200	6
Little Known Scenery	Design	Eaglesoft Hanger Kit to place hangars with opening doors at airfields. Available at Eaglesoft or AVSIM sites.	Eaglesoft Hanger Kit					http://www.avsim.com/	3
Little Known Scenery	Scenery	Demonstration download of Eaglesoft FBO sceneries for VIP terminals at some US airports.	Eaglesoft FBO Scenery by Michael Carr		Michael Carr	United States		http://www.eaglesoftdg1.com/downloads.htm	3
Longevity	Real world aviation	Retirement of Southwest Airlines' last Boeing 727.							4
Look Ma, No Brakes!	FS performance	How to remove the red "brakes" message from the FS screen by editing the FS9.cfg file.							4
Lost Your Voice?	FS performance	How to locate and restore original ATC voice files, if lost, from the FS2004 CDs.							11

Meet the Compiler	Editorial	Short autobiographical sketch of David Marshall, author of the *Tips & Tricks* series.							11
Missing jetways?	FS performance	Default airport jetways depend on scenery density setting.							2
Mission Impossible?	Scenery	Series of highly detailed scenery downloads for California mission buildings.		slreym1.zip and others	Ron Ezra	United States	California	http://www.avsim.com/	4
More Creative Scenery	Scenery	Scenery of Victoria, BC harbour with AI helicopter and shipping.	vicenh04_files.zip		John Patch	Canada	British Columbia	http://www.avsim.com/	8
Mountain Wars	Scenery	Availability of two different sceneries for Mount St. Helens, Wash., and how to merge the two if desired.	Mt. St. Helens Flight Experience	mtsthelensscenery_156466.zip (previous version; mshscenery.zip)	Steven Rosenow	United States	Washington		8
Mountain Wars	Scenery	Availability of two different sceneries for Mount St. Helens, Wash., and how to merge the two if desired.	Columbia River Gorge	cr_gorge.zip	Holger Sandmann	United States	Oregon Washington	http://www.avsim.com/	8
Move Scenery & Aircraft Easily	Aircraft Scenery	Techniques for installing aircraft and scenery add-ons.							4
Must have file	Utility	Reference to scenery design site, which includes downloads such as the "No CD" patches.						http://www.scene	2

Must have textures	Scenery	Reference to source for essential common scenery textures	Refer to site	Refer to site	Various			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	1
Must haves	Utility	FSNavigator for using flight plans	FSNavigator	Select on site	FSNavigator			http://fsnavigator.com/index.htm	1
Must haves	Utility	Fix for some scenery errors in default FS2004	Default Scenery Fixes for Two Massive Holes and Four Other Errors	six_default_fixes.zip	Joshua Robertson			http://www.avsim.com/	1
My favourite add on sceneries	Scenery	Author's choice of FS2004 sceneries							1
Mystery Solved!	Aircraft	How to respond to the "Aircraft you are attempting to load is not fully compatible…" error message, to enable some FS2002 or other aircraft to function in FS2004.							7
Mystery Solved!	Website	Website dedicated to Mirage military jets for FS.			Frank Safranek	Dassault	Mirage	http://www.mirage4fs.com	7
Nag - nag -nag!	FS performance	Strong advice - always backup files before changing or overwriting.							3

Navigation aide	Utility	Additional guage to locate and set details for ILS approaches		rwyinfog.zip	Ernie Alston			http://www.flightsim.com/cgi/kds/main/menuchoo.htm	1
Need Something to Occupy Your Time on Long Flights?	Real world aviation	Website for Hartsfield (Atlanta) Air Traffic Control, enabling visitors to hear and see (slightly delayed) ATC online. Needs latest version of Windows Media Player (download via the site).						http://www.atcmo	7
Never Too Old to Learn Department	FS performance	Use of ALT key to toggle menu bar.							4
Never Too Old to Learn Department	Website	Website providing maps and aerial views of US locations, helpful in scenery design.						http://terraserver-	5
New Source for Scenery	Website	Link to Heather Sherman FS download site.			Heather Sherman			http://fly-heather.avsim.net/index.html	6
Now You See It, Now You Don't!	Utility	Utility to create screen-savers from saved FS movie.		SSaver.zip				http://www.avsim.com/	5
Numbers	Attachment	Number pronunciation guide, as used in radio communication. Separate attachment in T&T 8 package.							8

Ok, I Give Up - What Is It?	Scenery	Announcement of (now released) tutorial on inserting invisible runways into FS (for reasons such as navigation).	Creation of an "Invisible Runway" - a Step by Step Illustrated Tutorial	invisible_runway.zip	David "Opa" Marshall			http://www.avsim.com/	7
One More AI Idea	AI traffic	Utility to make AI aircraft perform holding manouvers rather than "go around" on crowded approaches.		aismooth_v100.zip	Michael Sagner			http://www.avsim.com/	11
Only God Can Make a Tree	Design	Program to insert trees into scenery.	Tree Planter	treeplanter_v3.zip	George Davison			http://www.avsim.com/	3
Organise your AFCADs	Scenery	How to store AFCAD files to enable better management of updates and changes.							7
Panel tip	Aircraft tweak	Process to arrange position of pop-up cockpit panels by editing panel.cfg							1
Pardon My Smoke	FS performance	A way of increasing the touchdown smoke puffs for some aircraft by editing the aircraft.cfg.							4
Personal "Wish List"	Editorial	Author's comment on the lack of an aircraft towing an advertising banner in FS.							7

Pet Peeves	Editorial	A request to designers to include contact details with uploads.							4
Phonetic Alphabet	Attachment+ B135	Graphic list of phonetic alphabet, as used in radio communication. Separate attachment in T&T 8 package.							8
Power Users Tip	FS performance	Link to forum item on how to edit FS9.cfg, especially terrain vertex level.						http://forums.avsim.net/dcboard.php?az=show_mesg&forum=177	4
Problems stopping large jets after landing	Utility	Utility to enable editing .air files, including thrust reversal.		aired.zip				http://www.avsim.com/	1
Pushback - Taxi Speed Guage	Aircraft tweak	Guage with taxi and pushback as well as other functions.		rcbgh-32.zip	Rob Barendregt			http://www.avsim.com/	3
Realism 101	Real world aviation	Cigarette lighters cannot be carried on airliners…							9
Reality check	Humour	A short series of questions for those who remember when modern phrases meant something quite different.							10
Sailplane lover?	Aircraft	Link to site for FS sailplanes						http://www.fsglider.de/frset_e.htm	2

Scenery	Scenery	Maximum capacity for number of sceneries in FS2002 and FS2004. Combining sceneries by same authors.							1
Sit Back and Relax!	Utility	A utility enabling the user to enjoy the view from a variety of windows in imaginary buildings.	FS2004 Virtual Windows	windows9.zip	Gene R. Ferrier			http://www.avsim.com/	7
Slew Command Chart	FS performance	A chart of keyboard commands for use when slewing (manually shifting) an aircraft in FS.							7
Slow Down and Smell the Roses!	FS performance	Using keyboard controls to speed up or slow down simulation rates.							5
Sneak Preview - And It's a Double Feature!	Scenery	Description and link to preview videos of FREEflow Florida scenery.			FREEflow Team - Bob Brown, Scott Gridley and Joe Watson	United States	Florida	http://www.dartmouth.edu/~gridlock/free_flow_florida.wmv	10
Snoop around!	FS performance	Reference to the News screen in FS as a lead to various development tools to enhance system.							2
Snooty Aircraft	Aircraft	Various ways to correct an unduly nose-up attitude in an aircraft.							6
Sound Stu…….tt…….er……ing?	Systems	Using DXDIAG to reset Sound Acceleration on your PC to improve sound performance.							11

South of the Border	Scenery	Sceneries for Panama - terrain mesh and the Panama Canal.		panama-mesh.zip panamacanal.zip	Jozef Kusters Winfried Orthmann	Panama	Panama Canal	http://www.avsim.com/	4
South of the Border	Scenery	Airport scenery for Tocumen International Airport MPTO, Panama.		mpto_40.zip	Andres Valenzuela O	Panama	Tocumen International Airport	http://www.flightsim.com/cgi/kds/main/menuchoo.htm	4
Speaking of guages	Utility	Adds panel icon to bring up small chase view window.		chase_view.zip	Barry Blaisdell			http://www.avsim.com/	2
Speaking of Maps!	Utility	FS Moving Maps utility, which enables sectional maps to be viewed on the pilot's kneeboard in FS.	FS Moving Maps	fsmmm120.zip	Rana Hossain			http://www.avsim.com/	6
Speaking of Maps!	Utility	Sectional maps for FS Moving Maps		us_sectionals_pack2.zip and others	Matt Fox			http://www.avsim.com/	6
Speaking of On-Going Projects	Scenery	Work in progress of scenery for Spokane, Wash. Available AVSIM and several packages at Flightsim.com	Looff.zip		Lou Frost	United States	Washington	http://www.flightsim.com/cgi/kds/main/menuchoo.htm	8
Speaking of On-Going Projects	Scenery	FSGenesis West Coast package scenery mesh. Large download.	fsgwst38.zip			United States		http://www.flightsim.com/cgi/kds/main/menuchoo.htm	8
Specialized Aircraft	Aircraft	As a change from other types, try the Air Tractor AT-802 crop duster.		at-802a_duster.zip	Brian Gladden	Air Tractor	802	http://www.avsim.com/	7

Startup Smoke Enhancement	Utility	Enhancement to startup smoke effect on the DC-3, applicable to other aircraft. Also new detailed contact points for that aircraft. Available AVSIM and Flightsim.com		dc3_fx.zip	Jan Rosenberg			http://www.avsim.com/	10
Steering on Water	Aircraft	How to steer amphibians and floatplanes on water in FS.							8
Step Back in History	Aircraft	1900's Antoinette VII monoplane.		antoinette.zip	Joe Binka	Antoinette	Type VII	http://www.avsim.com/	4
Step Saver	Scenery	Shortcut to disabling (rather than deleting) an installed scenery. Brief summary of how FS indexes sceneries.							11
Summer Vacation Plans?	Scenery	Flying tour of the Appalachian Trail in the Eastern U.S. Available at AVSIM or Flightsim.com. Links to sites providing maps and information about the Trail.	ffat_v10.zip		Scott Gridley	United States		http://www.avsim.com/	9
T and T Info	Attachment	Where to find previous issues of T&T	Began to be included from T&T 4 onwards.						4
Test Your Knowledge	Background	Short question for after dinner quiz games!							6
Test Your Perception	Background	Visual test for potential FedEx employees.							11

The Fleet Is In Town!	Scenery	VFR scenery for San Diego, Cal., especially the harbour. Includes shipping.		sandiego_philcrowther123.zip	Phil Crowther	United States	California	http://www.avsim.com/	11
Things That Go "Bump" In The Night!	Scenery	Program to add day and night background sounds after engine shutdown. Also a subsequent update file to be downloaded.		sounds.zip sounds_up.zip	José Oliveira and Jorge Filipe.			http://www.avsim.com/	3
TIPS & TRICKS No.01	Tips & Tricks issue	Published Dec. 2004		tips_and_tricks.zip (AVSIM) tipstrik.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	1
TIPS & TRICKS No.02	Tips & Tricks issue	Published Jan. 2005		tips_and_tricks_ii.zip (AVSIM) tpstrkii.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	2
TIPS & TRICKS No.03	Tips & Tricks issue	Published Jan. 2005		tips_and_tricks_iii.zip (AVSIM) tpstriii.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	3
TIPS & TRICKS No.04	Tips & Tricks issue	Published Feb. 2005		tips_and_tricks_iiii.zip (AVSIM) tpstriv.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	4
TIPS & TRICKS No.05	Tips & Tricks issue	Published Mar. 2005		tips_and_tricks_iiiii.zip (AVSIM) tpstr_v.zip	David "Opa" Marshall			http://www.avsim.com/	5

TIPS & TRICKS No.06	Tips & Tricks issue	Published Mar. 2005		tips_and_tricks_6.zip (AVSIM) tpstr_vi.zip v (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	6
TIPS & TRICKS No.07	Tips & Tricks issue	Published Apr. 2005		tips_and_tricks_7.zip (AVSIM) tpstr_7.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	7
TIPS & TRICKS No.08	Tips & Tricks issue	Published Apr. 2005		tips_and_tricks_8.zip (AVSIM) tpstr_8.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	8
TIPS & TRICKS No.09	Tips & Tricks issue	Published May. 2005		tips_and_tricks_9.zip (AVSIM) tandt9.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	9
TIPS & TRICKS No.10	Tips & Tricks issue	Published May. 2005		tips_and_tricks_10.zip (AVSIM) tandt10.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	10
TIPS & TRICKS No.11	Tips & Tricks issue	Published May. 2005		tips_and_tricks_11.zip (AVSIM) tandt11.zip (Flightsim.com)	David "Opa" Marshall			http://www.avsim.com/	11
Too many aircraft?	AI traffic	Program to hide AI aircraft on the FS aircraft selection menu.		bbqhideai.zip	Alan W L Chan			http://www.avsim.com/	4

Toot my own horn time	AI traffic	Download to add Goodyear Blimp by Bill Lyons as AI traffic to default Moffett Field airship hangars.		just4fun1.zip	David "Opa" Marshall	United States Goodyear	California Blimp	http://www.avsim.com/	3
Tracking your Upload	Design	How to track downloads etc. for your own uploads to FS websites.							3
Traffic Help	AI traffic	Two-part help in using Lee Swordy's *Traffic Tools.*	TTools Companion	ttcomp20.zip ttcomp21.zip	Bill Schroeder			http://www.avsim.com/	5
Try A Real Life Scenario	Aircraft	AirTractor AT-802 fire bomber aircraft.		at-802a_fire.zip	Brian Gladden	Air Tractor	802	http://www.avsim.com/	11
Try A Real Life Scenario	Scenery	Scenery of a forest fire in a New Zealand national park. Fire appears only on a set date.		urewera_forest_fire.zip	Heath Wells	New Zealand		http://www.avsim.com/	11
Tweak, Tweak, Tweak	Utility	Enables editing of many FS9 cfg files.	FS9 Configurator	fs9cfg15.zip	Ken Salter			http://www.avsim.com/	8
Twenty Lashes With a Wet Flight Plan!	FS performance	Amendment to T&T 3 item - Bypass the Startup Screen	Original article - T&T 3 - "Bypass the Startup Screen"						4
Unique aircraft	Aircraft	Sikorsky S-38 classic amphibian download.		s38nwa4.zip	George Diemer	Sikorsky	S-38	http://www.flightsim.com/cgi/kds/main/menuchoo.	2
Unique aircraft	Surface vehicle	Pilotable sailing ship, the British clipper Cutty Sark.		stcs.zip	Shigeru Tanaka	Cutty Sark	Cutty Sark	www.flightsimnetwork.com/shigeru	2

Unleash your Creativity	Design	Program to simplify creation of "exclude" areas for default scenery objects.		excbuilderv2.zip	Paavo Pihelgas			http://www.avsim.com/	3
Unleash your Creativity	Design	Program to create runway / taxiway signs for airports.		createsign_c.zip	Vladimir Svoboda (Cesmina)			http://www.avsim.com/	3
Unleash your Creativity	Design	Runway 12 object placer to insert default (and other) objects into scenery.	RWY12 Object Placer		Israel Roth and Seev Kahn			http://www.avsim.com/	3
Up, Up and Away	Website	Website allowing online flying (not a virtual airline, but a flying club)			Brett Lee			www.tietonflyingclub.bravehost.com	3
Upgrade?	Utility	Link to the Microsoft FS9.1 upgrade patch.		fs91upd.exe	Microsoft			http://www.microsoft.com/games/flightsimulator/fs	2
Useful or Useless - I am not sure which	FS performance	Key commands to call up a small window and cycle views of various AI aircraft in the vicinity.							8
Vertex? Is That a Disease?	Scenery	Enhancing terrain mesh detail by editing vertex level in FS9.cfg							5
Want to Know (and understand) More?	Website	Link to site containing a number of FS-related tutorials.						http://www.wilsonsairspace.com/tlc.html	11
Want to Make Contact?	Aircraft tweaks	Short summary and link to article about editing contact points in aircraft.cfg files.						http://www.sim-outhouse.com/index.php?loc=articles&page=cp	9

Want To See Better Detail On Your Aircraft?	FS performance	Changing the maximum texture size in the FS Options menu - with the proviso that the aircraft is well drawn in the first place - should enhance its appearance.							11
Water, water everywhere!	Scenery	Water texture enhancement.		waterzone.zip	Pete Drazzoff			http://www.avsim.com/	3
Well Packaged	Aircraft	Package of the Boeing 75 Stearman classic biplane, with various liveries and a fictitious airfield scenery in Kansas.	stear04.zip		David Eckert, Mark Smith and Dennis Seeley	Boeing	Stearman	http://www.avsim.com/	9
What a view!	Aircraft	Blimp panel.		newpanel.zip	Frank J. Petriccione			http://www.flightsim.com/cgi/kds/main/menuchoo.	9
What's the Weather Like in _____?	Utility	Tool to allow real-world METAR weather reports to be called up within FS, or without loading FS.		fs9_in-flight_metar_tool.zip	Andreas Trawny			http://www.avsim.com/	9
What's a Synchrophaser?	Background	Definition from the FS2004 glossary.							9
What's In A Name?	Scenery	Doherty's Difficult and Dangerous Approaches series of downloads, setting up interesting situations at various world	Difficult and Dangerous Approaches	Several in series, plus packages of various files.	Michael Doherty			http://www.avsim.com/	6

What's In A Name?	Scenery	Separate sceneries for Nantucket, Martha's Vineyard and Hyannis Airports in Massachussetts, by William Shea.		khya.zip kmvy.zip kack.zip	William Shea	United States	Massachussetts	http://www.avsim.com/	11
Where Are My AI Aircraft?	AI traffic	Troubleshooting when AI traffic does not appear as expected.							9
Where Are My AI Aircraft?	Utility	Brief introduction to Traffic Tools program, for setting up AI traffic.	Traffic Tools		Lee Swordy			All major FS download sites; AVSIM, Simviation, Flightsim.com and many others.	9
Where is it?	FS performance	Setting up visual approach guide in FS							2
Where Should I Fly Today?	Website	Site which provides downloadable flight plans from users around the world.						http://www.fsdestinations.com/	9
Whoa, Nelly!	FS performance	How to apply differential braking to taxying aircraft.							6

You Have to "Talk the Talk".	Background+ B141	The phonetic alphabet and numeric pronunciations, as used in ATC and other radio communications. Supported by phonetic alphabet and numbers attachments included in T&T8.							8
Zoom, Zoom, Zoom	Utility	A utility to allow mouse-controlled zooming and other view movements in spot and other views.	F1View Utility	F1view.zip				http://www.flight1.com/view.asp?page=library	8