

## Tips & Tricks for Microsoft Flight Simulator 2004

by David "Opa" Marshall

### INDEX      November 2006

TITLE	SUBJECT	SUMMARY	RELATED DOWNLOAD	D/L FILENAME	DOWNLOAD AUTHOR	AIRCRAFT or SCENERY GENERAL	AIRCRAFT or SCENERY SPECIFIC	LINK	T&T ISSUE
<b>2006 Desktop Calendars</b>	Utility	Desktop calendars for 2006 based on FS2004 screen shots.		2006cals.zip	Capt. Wes Archibald			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>3D Contrails</b>	Aircraft tweak	Download to enable creation of realistic 3D contrails behind high-flying aircraft.	3D Contrail	fscontrail2004_v1.0.zip	Michael Thomas			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>3D Contrails</b>	Website	Link to discussion on creating aircraft contrails.			Scott Gridley			<a href="http://forums.avsim.net/dcboard.php?az=show_m">http://forums.avsim.net/dcboard.php?az=show_m</a>	10
<b>4th Hand Gauge</b>	Panels and gauges	A gauge which will automatically raise and lower the landing gear on any aircraft with retractable gear, which can be preset for any altitude and manually overridden.		4thhand.zip at AVSIM or Flightsim.com	Glenn Copeland			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>A "Dream" setup</b>	Systems	Illustrated description of one simmer's hardware setup for FS.							9
<b>A "Favorites" Tip</b>	Systems	Setting up easy access to FS files and folders by using the Windows Explorer or My Computer "favourites" option.							23

<b>A "Must Have" on Your Favorite Web Site List</b>	Website	Link to the FAA (Federal Aviation Administration) website, USA. Provides NOTAM information and other services.						<a href="http://www.faa.gov/">http://www.faa.gov/</a>	11
<b>A "Heads Up" for Scenery Designers and/or Enhancers</b>	Design	A flyable basic "pointer" for positioning objects in FS using programs such as RWY12.		scenery_pointer.zip	Larry Silsbee			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>A Better Mousetrap?</b>	FS performance	Tutorial on how to set up multiple, selectable configurations of FS2004.		multiple_fs9.exe_no_tool.zip	David Roch			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>A Brit in Maine</b>	Scenery	Scenery of Bangor, Maine airport (KBGR). Designed to allow easy exclusion of scenery elements for lower-end systems.		kbgr_jy3.zip	John Young	United States	Maine	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>A Caution to Observe When Changing Items in the FS9.cfg file</b>	FS performance	<b>Caution to only edit FS9.cfg when FS2004 is NOT running.</b>							8
<b>A Couple of Tricks Using AFCAD</b>	Scenery design	Using AFCAD to provide other scenery enhancements such as roads and grassed areas, inspired by Craig Swartzlander's work (see link at right).						<a href="http://it-dev-cas7.pn.buffalo.edu/fse/">http://it-dev-cas7.pn.buffalo.edu/fse/</a>	5

<b>A Fine Jet Aircraft</b>	Aircraft	The Su-22 variable geometry fighter with sweeping wings, operating brake chute and other features.		su22m4_v1.2.zip	Jan Moravec	Sukhoi	Su-22	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>A Fine Screenshot Program</b>	Utility	Freeware screen capture program from Wisdom-soft.	ScreenHunter 4.0 Free		Wisdom-soft			<a href="http://www.wisdom-soft.com/products/screenhunter_free.htm">http://www.wisdom-soft.com/products/screenhunter_free.htm</a>	23
<b>A Funny Thing Happened On The Way To The Forum</b>	Website	Suggestion to use online FS forums as a help resource.							3
<b>A Great Demo Program!</b>	Aircraft	Downloadable demo of FS aircraft menu viewer; 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)					<a href="http://www.flightsimdownloads.com/pub/AbacusFSRRepaintDemo.exe">http://www.flightsimdownloads.com/pub/AbacusFSRRepaintDemo.exe</a>	11
<b>A Great Site</b>	Website	"The Pilot's Friend", a comprehensive and useful aviation website with information about locations of world airports, details of general aviation aircraft and very much more.						<a href="http://www.pilotfriend.com/">http://www.pilotfriend.com/</a>	24

<b>A Happy Ending</b>	Panels and gauges	More information about a panel gauge to facilitate ATC responses (search this index for "Nick Pike" for the original reference or consult to T&T 16). Directions to a downloadable version of the gauge for general use.		ATCDIGITS_Tutorial.zip at AVSIM: ATCDIGTU.zip at Flightsim.com				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>A Happy Ending</b>	Aircraft	Development of a full-featured payware F117A Nighthawk by Nick Pike.			Nick Pike	Lockheed	F117 Nighthawk	<a href="http://fs2x.com/">http://fs2x.com/</a>	18
<b>A Happy Ending</b>	Systems	Nostromo Speedpad - a small keypad containing two rows of keys numbered 1 to 5 and 6 to 10 plus a few other programmable keys to allow some FS functions to be set on a dedicated keypad.						<a href="http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=&amp;Section_Id=2071&amp;pcount=&amp;Product_Id=157024">http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=&amp;Section_Id=2071&amp;pcount=&amp;Product_Id=157024</a>	18
<b>A Little "Gem"</b>	Scenery	Courtenay Airpark CAH3, Vancouver Island BC, a GA airport designed for Ultimate Terrain but works in default.		Courtenay_Airpark_V1a.ZIP	Peter Hall	Canada	British Columbia	<a href="http://www.vaniseva.com/index.php?action=scenery">http://www.vaniseva.com/index.php?action=scenery</a>	18
<b>A New Recording Enhancement</b>	Utility	An enhancement to the FS recording program, in beta at the time of writing. A small file which enables view changes and alteration of other parameters in the resulting recording.			Matthias Neusinger			<a href="http://www.neusinger.net/recorder/index.php">http://www.neusinger.net/recorder/index.php</a>	18

<b>A New Tool for Scenery Creators</b>	Scenery design	Tool to capture values such as coordinates from FS2004 for use in various scenery creation		fs-values.zip	Wolfgang Schwarz			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>A New Scenery Creator Program</b>	Scenery design	A payware scenery enhancer (with free demonstration version available). Scenery is placed within flightsim, with the results visible as you work. Able to accept additional scenery libraries.	EZ-Scenery		Abacus			<a href="http://www.abacuspub.com/ezscenery">http://www.abacuspub.com/ezscenery</a>	18
<b>A New Way to Watch AI Traffic</b>	Utility	Microsoft Traffic Toolbox, known to AI designers, allows users to select an AI flight and follow it in spot view. It also allows users to take control of the AI aircraft and print airport lists.	Traffic Toolbox	traffictoolbox_sdk_setup.exe	Microsoft			<a href="http://www.microsoft.com/games/flightsimulator/fs2004_downloads_sdk.asp#traffic">http://www.microsoft.com/games/flightsimulator/fs2004_downloads_sdk.asp#traffic</a>	14
<b>A Nifty Windows XP Utility</b>	Utility	Link to BaxBex website to obtain a utility to create an icon enabling easy creation of a new folders for use when unzipping and installing new items.	BXNewFolder	bxnewfolder_v100.exe				<a href="http://www.baxbex.com/products.html">http://www.baxbex.com/products.html</a>	13
<b>Are They the Same?</b>	Utility	ExamDiff free utility which will display any two files and highlight the differences, useful in Flight Sim as well as other applications.						<a href="http://www.prestosoft.com/ps.asp?page=edp_examdiff">http://www.prestosoft.com/ps.asp?page=edp_examdiff</a>	23

<b>A Second Chance</b>	Background	The rare Martin Mars flying boat of WW2, four of which in later years continued to serve as fire-bombers.						<a href="http://www.gotofino.com/sproatlakemarsbombers.html">http://www.gotofino.com/sproatlakemarsbombers.html</a>	19
<b>A Sound Enhancement for Helicopters</b>	Aircraft	Guage which enables sound changes according to engine speed of helicopters.		chpsnd_04.zip	Alejandro Villa, Brian Kostick			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	11
<b>A Source for How To's</b>	Website	Link to Flightsim.com's tutorial and how-to section.						<a href="http://www.flightsim.com/cgi/kds?\$_=main/m-">http://www.flightsim.com/cgi/kds?\$_=main/m-</a>	10
<b>A Step Saver for FSNavigator Users</b>	Aircraft	The Lockheed / Kawasaki P-3C package by FS KBT.		p-3c_.zip and p3up_kbt.zip (AVSIM)		Lockheed Kawasaki	P-3C Orion	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>A Panorama View</b>	Aircraft tweak	How to enable panning in 2D cockpit view, and reminder of keyboard							21
<b>A Special Gaming Boot</b>	FS performance	Summary, and link to site explaining how to set up a specialised minimal boot to run FS without unnecessary resource drains in the background.						<a href="http://support.microsoft.com/default.aspx?kbid=331796">http://support.microsoft.com/default.aspx?kbid=331796</a>	24
<b>A Step Saver for FSNavigator Users</b>	Utility	Short cut to adding new aircraft profiles to the FSNavigator menu.							12
<b>ATIS Tips</b>	FS performance	Options to edit or turn off the ATIS messages in FS, including link to a program to hide the scrolling message bar.		AdvDisp.zip				<a href="http://www.schiratti.com/dowson.html">http://www.schiratti.com/dowson.html</a>	16

<b>A Unique Fundraiser</b>	Scenery	A scenery package to add the historic City Federal Building to Birmingham, Ala., with links to a fundraising site to save the		cityfederal.zip	Central Alabama Scenery Design	United States	Alabama	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>A Useful Windows Utility</b>	Utility	Windows toolbar which allows quick access to files.		find.pcworld.com/47126				Use search engine - e.g. Google - and	11
<b>A Virtual Cockpit Just What Is It?</b>	Aircraft	Explanation of what a virtual cockpit is and comparison with the 2-dimensional cockpit / panel.							11
<b>A Windows Tip</b>	Systems	How to quickly change font size in some email clients.							22
<b>A Word Regarding Sceneries etc I</b>	Editorial	Explanation of author's focus in US sceneries.							4
<b>A Work In Progress</b>	Scenery	Scenery Ottawa CYOW airport, Ontario, in production, with progress download available.		CYOWAlpha11.zip	Paul Mainville	Canada	Ontario	<a href="http://www.vnwa.com/Noramair/Projects/Ottowa.html#CYOWAlpha">http://www.vnwa.com/Noramair/Projects/Ottowa.html#CYOWAlpha</a>	12
<b>A Work In Progress</b>	Scenery	FS2002 scenery for Rockliffe Airport CYRO, Ontario, Canada, which works in FS2004. Also needs patch file.		rockliffe.zip rocklifpatch.zip	Jim Turner	Canada	Ontario	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12

<b>A Work In Progress</b>	Scenery	FS2002 scenery for Gatineau-Ottawa CYND airport, Quebec, Canada, works in FS2004, and an update is expected.		cynd02v1.zip	Normand Boucher	Canada	Quebec	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	12
<b>A Work In Progress</b>	Scenery	Landclass file for Ottawa, Ontario area, including the missing in default suburb of Orleans.		ottland1.zip	Roger Wensley	Canada	Ontario	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>Adding a Tower</b>	Scenery	Adding identification, comm and nav frequencies for control towers using AFCAD.							10
<b>Addon Mesh Resource Site</b>	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					<a href="http://www.fs-traveler.com/priority.shtml">http://www.fs-traveler.com/priority.shtml</a>	7
<b>A Handy Tip</b>	FS performance	How to add comment lines for recording changes when editing an FS .cfg file; and how to rem out unwanted lines to retain them as a record.							21
<b>AI Made Easy</b>	AI traffic	Tutorial on how to create AI traffic.		ai_made_easy.zip	Mike Stanton			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22

<b>AI Smooth – Updated</b>	Utility	Update to the AI Smooth program (T&T issue 11) with option of voice input.		aismooth_v111a.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>AI Sounds 101</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>AI Sounds 101</b>	AI traffic	Explanation of FS traffic .bgl files. Ability of FS2004 to use several traffic files.							11
<b>AI traffic</b>	AI traffic	Alternatives to the default AI airlines; repaints, traffic bgl, link to Project AI.						<a href="http://www.projectai.com">http://www.projectai.com</a>	2
<b>AI Traffic not Displaying?</b>	AI traffic	Absences of some AI traffic may be due to a setting in FS9.cfg which can selectively enable IFR / VFR traffic.							21
<b>AI Excellence</b>	Scenery	Scenery of flotilla of Japanese aircraft carriers and support ships with many AI aircraft taking off and landing on the carriers in a fictitious setting of the World War II, Battle of Midway. Includes numerous effects.		Midway_J.zip	Yanco			<a href="http://flightinfo.eas.ne.jp/FS_KBT/Download/yanco_san/midway_i.zip">http://flightinfo.eas.ne.jp/FS_KBT/Download/yanco_san/midway_i.zip</a>	20

<b>Aerobatics Guide</b>	Flying	An illustrated guide that shows precisely how to perform aerobatic maneuvers properly in Flight Sim.		aerobatics.zip	Bernardo Sruzon			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>Aircraft</b>	Aircraft	Invisible "spotter's" plane for viewing scenery or aircraft spotting.		spottersplane.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1
<b>Aircraft</b>	Surface vehicle	Pilotable ground vehicles, specifically Bill Lyons' classic Jaguar XK-120 sports car.	Search for this and other downloads		Bill Lyons			<a href="http://windrfters.com/">http://windrfters.com/</a>	1
<b>Aircraft Bone Yard</b>	Website	AMARC, or the Aerospace Maintenance And Regeneration Center, near Davis-Monthan Air Force Base where large numbers of unused military aircraft are placed in open-air storage. Link to website.						<a href="http://www.amarcexperience.com/AMARCDescription.asp">http://www.amarcexperience.com/AMARCDescription.asp</a>	19
<b>AIS equipped aircraft</b>	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			<a href="http://arnz.myhost.co.nz/">http://arnz.myhost.co.nz/.</a>	2
<b>Alias? What's this Alias thing you mentioned?</b>	Aircraft tweak	How to edit aircraft, panel or sound cfg files to use the panel or sound from a default or other aircraft.							3

<b>An AI Helicopter?</b>	Aircraft	Packaged AI version of Jordan Moore's Schweizer 300C Helicopter useful to depict a setting where sightseeing helicopter tours are offered.		ai_schweizer_300c_helicopter.zip		Schweizer	300C	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	20
<b>An AI Helicopter?</b>	Scenery	Preview video of coming scenery for Bear Creek Winery and Lodging.		bcpview.zip	David "Opa" Marshall, Mike Weale			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	20
<b>An Alternative PDF Reader</b>	Utility	A very compact alternative to the Adobe Acrobat PDF reader.	Foxit Reader					<a href="http://www.foxitsoftware.com">http://www.foxitsoftware.com</a>	20
<b>An Alternative to FS ?</b>	Website	Link to a freeware, downloadable open source flight simulator.						<a href="http://www.flightgear.org/">http://www.flightgear.org/</a>	24
<b>An Award for Tips and Tricks!</b>	Editorial	Award sent to T&T by a reader.							14
<b>An Exceptional Aircraft</b>	Aircraft	Versatile DHC-6 Super Twin Otter with "user friendly" panel and various animations and features.		dh6_n232.zip	Premier Aircraft Design	De Havilland Canada	DHC6-300 Super Twin Otter	<a href="http://www.premaircraft.com/dhc6_new/index.html">http://www.premaircraft.com/dhc6_new/index.html</a>	22
<b>An Exceptional Design</b>	Scenery	Nut Tree Airport KVCB, California, with RWY12 enhancements and including local landmarks, designed by a person with local knowledge.		nuttree_upd.zip	Daniel Cruz	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>An Idea for Scenery Designers?</b>	Scenery design	Photo of Cessna flying under natural arch in Utah or Arizona, suggesting possibilities for scenery design.							13

<b>An Important Update</b>	Utility	Downloading the AirEd program to edit .air files, and advice of an update.						<a href="http://perso.wanadoo.fr/hsors/FS_Soft/index.html">http://perso.wanadoo.fr/hsors/FS_Soft/index.html</a>	12
<b>An Important Update</b>	Utility	AAM program enabling .air files to be inspected, with explanations of their content.						<a href="http://perso.wanadoo.fr/hsors/FS_Soft/index.html">http://perso.wanadoo.fr/hsors/FS_Soft/index.html</a>	12
<b>An Impressive Formation</b>	Real world aviation	Photograph of impressive USAF formation over the "Taj Mahal" tower at Randolph Air Force Base in San Antonio, Texas.							24
<b>An Inviting Vacation Destination</b>	Scenery	Scenery package for the area of Roosevelt Lake, Ariz. Including the airfield and numerous scenery and VFR objects.		rsvlt_lk.zip	Robert Palmer	United States	Arizona	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>An Inviting Vacation Destination</b>	Scenery	Terrain mesh for Arizona.		aznmmesh.zip	Eddie Denney	United States	Arizona	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	15
<b>An Outstanding Panel</b>	Aircraft	Socata Trinidad aircraft, with special mention of its excellent panel by Barry Blaisdell.		tb21n725.zip	Premier Aircraft Design	Socata	TB20 / 21 Trinidad	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	18
<b>And The Answer Is...</b>	Scenery Design	Using AFCAD to ensure new airport designs will show in the FS airport menu. How to add an invisible runway.							5

<b>And The Winner Is?</b>	Systems	Introduces one of the more complex virtual cockpits for flight sim. Includes link to site for more detailed information.						<a href="http://home.wxs.nl/~jarkest/home.html">http://home.wxs.nl/~jarkest/home.html</a>	14
<b>And the Winner Is ?</b>	Editorial	Bear Creek scenery wins monthly prize from Flightsim.com, based on user votes.	Bear Creek Winery and Lodging Ver 2.09					<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	21
<b>An Interesting Website</b>	Real world aviation	Website which shows real-time aircraft movements around Mineta San Jose International Airport in the southern area of San Francisco Bay .						<a href="http://www4.passur.com/sjc.html">http://www4.passur.com/sjc.html</a>	23
<b>Another "Dream" setup</b>	Systems	This PC setup is creative...							12
<b>Another AI Tip</b>	AI traffic	How to edit FS9.cfg to change what displays in the visible labels which can be attached to AI traffic.							11
<b>Another Error Message We Can Do Without</b>	FS performance	Editing FS9.cfg to remove error messages relating to "old modules".							12
<b>Another Error Message We Can Do Without</b>	FS performance	Note that in FS9 configuration files, =1 means "true", =0 means "false".							12
<b>Another Fine Addition</b>	Scenery	Scenery package to place the Queen Mary at anchor near Quebec city.		qm2quebec.zip	Pierre Gallant	Canada	Quebec	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9

<b>Another Fine Addition</b>	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	<a href="http://membres.lycos.fr/decorsfs/">http://membres.lycos.fr/decorsfs/</a>	9
<b>Another Tour</b>	Flight plans	Flight plans for air tours conducted between 1925 and 1931 by the Ford Motor Company, manufacturer of the Tri-Motor.		Airtour.exe				<a href="http://www.microsoft.com/games/flightsimulator/fs2004_nationalairtour.asp">http://www.microsoft.com/games/flightsimulator/fs2004_nationalairtour.asp</a>	16
<b>Another Useful Site</b>	Website	Layout, weather information, fuel costs and other details for thousands of airports worldwide.						<a href="http://www.fbowl.com/fb40/default.aspx">http://www.fbowl.com/fb40/default.aspx</a>	23
<b>Anti-aliasing, Trilinear and Other Strange Words</b>	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.						<a href="http://www.tweakguides.com">http://www.tweakguides.com</a>	11
<b>A Perfect Sky?</b>	Scenery	Correction to the installation instructions for the sky enhancement package, to accommodate the English language version of FS.	Perfect Sky	perfsky.zip	David Scotti			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	18
<b>Arches Feedback</b>	Scenery	Natural stone arches in Utah, produced as sceneries for FS2002, also works in FS2004.		rainbow.zip, arches-1.zip	Ron Ezra	United States	Utah	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15

<b>Are You Lonely?</b>	AI traffic	Resource for general aviation AI traffic packages.			Ultimate GA			<a href="http://www.ultimatega.com/">http://www.ultimatega.com/</a>	15
<b>Are You Ready?</b>	Utility	Assessing your PC for ability to handle the coming Windows Vista operating system.	Windows Vista Upgrade Advisor beta		Microsoft			<a href="http://www.microsoft.com/windowsvista/getready/upgradeadvisor/default.aspx">http://www.microsoft.com/windowsvista/getready/upgradeadvisor/default.aspx</a>	23
<b>Are You Missing Airport Buildings?</b>	FS performance	Fixing loss of default buildings which may be due simply to a change in display settings.							12
<b>Around the World in 80 Days?</b>	Aircraft	Classic radial engine Cessna taildragger includes wing tarpaulin and picnic blanket when parked.		cesawmk2.zip	William Ortis	Cessna	AW Executive	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Scenery of Alert, Nunavut, CYLT with landmark signpost giving distances to cities from this remote location.		cylt1aj.zip	Andy Johnson	Canada	Northwest Territories	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Detailed scenery of the historic Mont St. Michel, built on an island on a tidal sand flat off the French coast, featuring tidal variations according to time of day. NB: If necessary refer to installation summary in English - the instructions in the download are in French.		smichel2.zip	Pascal Dumat	France	Brittany	<a href="http://perso.wanadoo.fr/p.dumat/html/fs2004.htm">http://perso.wanadoo.fr/p.dumat/html/fs2004.htm</a>	16

<b>Around the World in 80 Days?</b>	Scenery	Airport at Granville, France, LFRF, a short distance from Mont St. Michel. See notes on installation in T&T16.		lfrf2005.zip		France	Granville	<a href="http://perso.wanadoo.fr/p.dumat/html/fs2004.htm">http://perso.wanadoo.fr/p.dumat/html/fs2004.htm</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Airport at Dinard, France, LFRD, a short distance from Mont St. Michel. Includes landclass, waterclass and nearby city.		lfrd2004-v1a.zip	Etienne Vauchez	France	Dinard	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Our Lady of Lebanon shrine.		harissa_v1.0_fs2004.zip	Jad Abizeid	Lebanon	Harissa	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Beirut Airport OLBA and surrounding mesh.				Lebanon	Beirut	<a href="http://pages.infinit.net/mkaram/Leb2004/">http://pages.infinit.net/mkaram/Leb2004/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Scenery of Suez Canal, Egypt, with shipping and bridges.		suezchannel.zip	Winfried Orthmann	Egypt	Suez	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Scenery of both the old and new Aswan Dam and lake, and nearby bridge, Egypt.		upperegyp2.zip	Winfried Orthmann	Egypt	Aswan	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Detailed scenery of Eilat Airport and nearby structures.		eilatv2_174304.zip	David Rosenfeld	Israel	Eilat	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Detailed photoreal scenery of Mt. Vesuvius, overlooking Naples.		vesuvio.zip	Mazzokan	Italy	Naples	<a href="http://mazzokan.altervista.org/download2.htm">http://mazzokan.altervista.org/download2.htm</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Terrain mesh for Italy.		italy.zip	Vincent van Veen	Italy		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16

<b>Around the World in 80 Days?</b>	Website	Link to website for real-world information about Mt Vesuvius, available as a download for FS9.					<a href="http://www.volcanolive.com/vesuvius.html">http://www.volcanolive.com/vesuvius.html</a>	16
<b>Around the World in 80 Days?</b>	Website	Link to website for real-world information about Mont St. Michel, available as a download for FS9.					<a href="http://www.webfont.com/travel/guides/france/mt.st.mike.html">http://www.webfont.com/travel/guides/france/mt.st.mike.html</a>	16
<b>Around the World in 80 Days?</b>	Scenery	Package of mainland China airport sceneries; the major airports of Xiamen, Shenzhen, Shanghai and Guangzhou in detail, with enhancements of 68 others.		aict_scenery_v2.3.20.zip		China	<a href="http://www.ai-china.net/eng/dl_showall.asp?cat_id=41&amp;parent_id=10&amp;parent_name=Scenery&amp;sub_name=China+Airports">http://www.ai-china.net/eng/dl_showall.asp?cat_id=41&amp;parent_id=10&amp;parent_name=Scenery&amp;sub_name=China+Airports</a>	16
<b>Artificial Horizon Where is It?</b>	FS performance	How to set and edit the red V axis indicator which can be made to appear centre-screen in cockpit.						3
<b>ATC doesn't recognise your aircraft?</b>	Aircraft tweak	Editing aircraft.cfg so ATC correctly refers to your aircraft in radio chatter.						1
<b>ATC doesn't recognise your aircraft?</b>	Utility	Link to EditVoicePack ATC utility site	EditVoicePack	See site			<a href="http://bevelstone.xs4all.nl/FlightSimulator/EditVoice">http://bevelstone.xs4all.nl/FlightSimulator/EditVoice</a>	1
<b>Australian Humor</b>	Humour	Selection of pilot maintenance reports and ground crew responses, supposedly attributed (this time) to Qantas.						14

<b>Autogen Problem?</b>	FS performance	Editing FS9.cfg to remove some autogen scenery objects and enhance framerates.							11
<b>Award News</b>	Editorial	In the Flightsim.com monthly contest for October, Tips and Tricks 16 was awarded the developers plaque in the Utility category. Thanks to all who voted.							17
<b>Back to Work</b>	Scenery	Summary of scenery packages compiled by David Marshall and others, including Canaima Park / Angel Falls, Venezuela		canaima_angelfalls.zip (AVSIM);ca_angel.zip (Flightsim.com)	David Marshall, David Maldonado, Ron Jeffers, Lou Frost	Venezuela	Canaima	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Back to Work</b>	Scenery	Summary of scenery packages compiled by David Marshall and others, including Easter Island, Chile. Update file also required.		easteris.zip and easter_is_-_missing_texture.zip (AVSIM); easteris.zip and easterup.zip (Flightsim.com)	David Marshall, John Young, Daniel Rojas, John Burford, Francisco Vargas, Ranier Girbig	Chile	Isla de Pascua / Easter Island	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23

<b>Back to Work</b>	AI traffic	Heliport and AI shuttle helicopter package, using Sikorsky S-7 by Christopher 'Elvis' Jones in fictitious Dallas Helijet service between various Dallas locations. Separate paints of livery for the fictitious fleet also available.		dallashj.zip (AVSIM & Flightsim.com); s76_dhj.zip	Christopher 'Elvis' Jones; David Marshall; John Burford	United States	Texas	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Back to Work</b>	AI traffic	To complement the fictitious Dallas Helijet helicopter shuttle package, an AI bus service package serving KDAL Dallas Love Field.		kdal_bus.zip (AVSIM & Flightsim.com)	David Marshall	United States	Texas	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Basic</b>	FS performance	Changing view - "Shift" key not needed when using number pad to change view							1
<b>Basic</b>	FS performance	Windowed mode - improvement on frame rates							1
<b>Basic</b>	FS performance	System performance enhancement	Reality XP FS2004 tweaker	reality_xp_fs2k4_tweaker.zip	Reality XP			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1

<b>Bay Area Bridges Updated!</b>	Scenery	Updated version of the Bay Area Bridges scenery, which replaces the default Golden Gate Bridge and San Francisco-Oakland Bay Bridge and adds the San Mateo-Hayward Bridge and Dumbarton bridges.		bay_area_bridges.zip	Mike Mahat	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Beam Me Up</b>	Panels and guages	A small guage to add to panels to enable easy raising and lowering of the eye-point.		pwrseat1.zip	Glen Copeland			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>Bells and Whistles</b>	Panels and guages	Detailed panel for use in Boeing 727 aircraft, upgraded from the FS2002 version.		b727.050627.panel.fs2004.zip	Richard Probst	Boeing	727	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Better Late Than Never</b>	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	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>Better Late Than Never Department</b>	Scenery	EDDW Bremen, Germany Airport with innovative detail including dynamic scenery objects.		eddw2k43.zip	Oliver Pabst	Germany	Bremen	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Better Looking Airports</b>	Scenery	Airport environment upgrades to improve textures of buildings, runways, taxiways etc.	Airport Environment Upgrade 7.0 (AEU7) and others	aeu7.zip	Chris Arrington			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5

<b>Better Safe than Sorry</b>	Systems	Starting in safe mode as an aid to diagnosing problems in FS.							21
<b>Black Screen</b>	FS performance	Remedy for black screen in the viewing window of the FS aircraft selection menu.							23
<b>Blue Angels Website</b>	Website	Link to the US Navy's Blue Angels aerobatic team website for information as well as downloadable screensavers, wallpaper and cursor replacements.						<a href="http://www.blueangels.navy.mil">http://www.blueangels.navy.mil</a>	18
<b>Bonus File</b>	Attachment	Splash screen of blimp over New York, included with the T&T download.							6
<b>Bonus files!</b>	Attachment	Animated aircraft graphics for adding to emails, use as desktop images etc.							13
<b>Bremerton Airport Update</b>	Scenery	Updated version of KPWT Bremerton Airport, Washington, with many structures built using Gmax.	Bremerton National 2005	kpwt05mi.zip	Mark Smith	United States	Washington	<a href="http://www.virtualpilot.net/">http://www.virtualpilot.net/</a>	14
<b>Building a Better Bridge</b>	Scenery	Files to exclude the Champlain Bridge, Montreal, added by the FS9.1 update patch, and replace it with a more accurate version.		mtl_brdg.zip (requires also - excl_pont_champlain_fs91.zip)	Giles Gauthier	Canada	Quebec	<a href="http://www.normand.boucher.net/quebec/default_en.htm">http://www.normand.boucher.net/quebec/default_en.htm</a>	14

<b>But "Real Men" Don't Consult Maps!</b>	Website	Short list of links to on-line map resources.							6
<b>But I Can't Remember the ICAO Code!</b>	Utility	Tool to find ICAO code on input of airport name. Runs with or without FS running.		icaosrch.zip	Xavier DePasquale			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	9
<b>But I Don't Want To Throw It Away!</b>	Aircraft	Hint for making some FS2002 aircraft compatible with FS2004.							6
<b>Bypass the Startup Screen!</b>	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
<b>Bypass the Startup Screen!</b>	FS performance	<b>Location and editing of FS9.cfg</b>							3
<b>Cabin Announcement</b>	Humour	Animation with sound of a "typical" modern cabin announcement.						<a href="http://www.toilette-humor.com/airpl">http://www.toilette-humor.com/airpl</a>	20
<b>Call Me!</b>	Panels and gauges	A Ground Proximity Warning System gauge to add to aircraft panels to produce an altitude callout.		rcbgp-33.zip	Rob Barendregt			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>Call of Nature</b>	Scenery	Download scenery for Smiley Creek U87, Idaho.	Smiley Creek	u87.zip	Tom Fica	United States	Idaho	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4
<b>Can the Obvious Be Too Obvious?</b>	FS performance	Simple adjustment to brightness of cockpit instrument lighting.							14

<b>CFG files and how to easily access them</b>	FS performance	How to open Flight Sim's various .cfg files in Notepad for editing.							7
<b>Changing Colors</b>	Aircraft tweaks	Document explaining how to edit the colour of the registration displayed on FS aircraft.		regcolor1.zip	D.B. Robinson			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Changing the Default Startup Flight</b>	FS performance	Step by step illustrated guide for setting a default flight.							10
<b>Changing Your Background</b>	FS performance	How to change the aircraft selection window's background in the FS Create a Flight screen.							22
<b>Changing Your Background</b>	FS performance	Ready-made alternate backgrounds for the aircraft selection window in the FS Create a Flight		ac-view.zip	Frederic Nadot			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Changing Your Background</b>	Aircraft tweaks	Tutorials on adding smoke effects to aircraft available at AVSIM or Flightsim.com.			Mike Basford			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Changing your Slew Speed</b>	FS performance	Editing FS9.cfg to change movement speed in slew mode, for example during scenery editing.							8
<b>Charting Your Course</b>	Real world aviation	Links to sites for charts.						Refer to article	10
<b>Charting Your Course</b>	Scenery	List of water-based airfields in the US appearing in FS2004.		fs9_airports.zip	Winfried Orthmann			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10

<b>Chasing Rainbows</b>	Website	Link to site providing personal service to optimise the performance of FS9 on your existing system. Also link to a <a href="#">review of the service</a> .	FSGS - Flight Simulator Graphics Solutions					<a href="http://www.fs-gs.com/test/newweb/index.html">http://www.fs-gs.com/test/newweb/index.html</a>	22
<b>Clarification</b>	Aircraft tweaks	Qualified advice on editing some cfg files for aircraft while FS is running.							9
<b>Clarification</b>	Utility	Filename correction for program for capturing screen shots.	Snapshotter	ss211final_setup.zip	Johan Johanson			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Cloning Aircraft</b>	FS performance	Required editing in addition to folder names when copying entire FS aircraft folders for purposes of modification.							15
<b>Cloning Aircraft</b>	Scenery	Package to add several very interesting view options to the default Cessna 172, to simulate views from various types of doors and windows.	Deckviews II	deckviews2.zip	Slim Tannor			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Clouds vs. Performance</b>	FS performance	Adjusting cloud settings in FS to minimise impact on performance, and suggestions about using clouds to enhance your flying.							21
<b>Collaboration is the Name of the Game</b>	Scenery	Scenery enhancement for Coronado Bridge, San Diego, Cal., and a subsequent exclude file for default bridge.		corona_1.zip corobrex.zip	Robert Kerr, John R. Brooker	United States	California	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	12

<b>Collaboration is the Name of the Game</b>	Scenery	Renaming scenery files to give them priority over others.							12
<b>Collaboration is the Name of the Game</b>	Scenery	American Cemetery in Normandy		maamcmty.zip	Bill Womack, Holger Sandmann, Mid Atlantic	France	Normandy	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>Collaboration is the Name of the Game</b>	Scenery	AFCAD to locate American Cemetery in Normandy		acnafcad.zip	Robert A. Baum	France	Normandy	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.">http://www.flightsim.com/cgi/kds/main/menuchoo.</a>	12
<b>Columbia River Gorge Fire Tower locations</b>	Attachment	Text file attachment in T&T 8 package with precise positions of fire towers in Holger Sandmann's Columbia River Gorge scenery							8
<b>Computer Resources – the Life Blood of FS2004</b>	Systems	Tutorial to create a Windows XP boot profile for Flight Simulator to disable unneeded hardware and peripherals.		profile_tutorial.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>Computer Resources – the Life Blood of FS2004</b>	Systems	Printed media article on use of system resources and effects of malware on PC performance.			Andrew Brandt			PCWorld Magazine, July 2005, page 164	12
<b>Computer Resources – the Life Blood of FS2004</b>	Utility	Program to shut down unneeded services and programs when starting FS2004, and to restart them on exiting FS2004.	FSAutostart	fsasv1111.zip	Ken Salter			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12

<b>Computer Resources – the Life Blood of FS2004</b>	Utility	Program to help decide which services to shut down when starting FS2004.		procexpnt9.zip				<a href="http://find.pcworld.com">find.pcworld.com</a>	12
<b>Confused About File Extensions?</b>	Website	Link to webpage explaining the meaning of various file extensions.						<a href="http://filext.com/">http://filext.com/</a>	14
<b>Conversion Tip</b>	Website	Online currency converter.						<a href="http://www.oasisr">http://www.oasisr</a>	16
<b>Cool Car</b>	Surface vehicle	Driveable Formula 3 car for FS.		f3cards.zip	Dennis Simanaitis			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo">http://www.flightsim.com/cgi/kds/main/menuchoo</a>	8
<b>Crash To Desktop Tip</b>	FS performance	Some crashes to desktop traced to the FS "soften the dusk/dawn effect" being on.							20
<b>Creating More Disk Space</b>	Systems	Using the Windows XP compression facility followed by defragmenting to regain hard disk space.							10
<b>Crowded Parking</b>	Real world aviation	Photograph of a general aviation mishap between two light aircraft.							24
<b>Dangling Extensions</b>	FS performance	Changing file extensions when backing up, to avoid mishandling of files by FS9.							15
<b>DC3 Tail Dragger</b>	Aircraft	Howard 500 aircraft recommendation	Search for Howard 500 - for base pack,	hw5vc4.zip and others	Milton Shupe	Howard	500	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1

<b>DC3 Tail Dragger</b>	Aircraft tweaks	Enabling steerable tailwheel in DC3 or other taildragger by editing aircraft.cfg							1
<b>Dead Battery?</b>	Aircraft tweaks	Solution to a fairly common problem involving loss of battery power and therefore failure of various systems a few minutes into a flight.							19
<b>Defrag</b>	FS performance	Improving FS performance by defragmenting your hard drive.							4
<b>Details - Details - Details</b>	Scenery	Details on the Asuka cruise ship in the Ogden Point, Victoria, British Columbia package includes an animated jogger on deck.		vicenh04.zip (also requires evi04.zip)	Jon Patch, Holger Sandmann	Canada	British Columbia	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Details - Details - Details</b>	Scenery	VFR scenery of Theme Park - 6 Flags Over Texas – which is south of the Dallas-Fort Worth airport – KDFW		6-flags-texas_kdfw.zip	Rick Connolly	United States	Texas	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Did You Know Department</b>	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
<b>Did You Know?</b>	FS performance	Link to Microsoft form to report errors and faults in default FS2004.		rcbse				See "mailto" link in T&T 4	4

<b>Did you know?</b>	Scenery	Location of default Cape Canaveral / Space Shuttle scenery in FS9.				United States	Florida		3
<b>Did You Notice?</b>	Editorial	Tips & Tricks index is in PDF format only from this issue to reduce overall download size.							19
<b>Didn't We Fly Past That Cloud Ten Minutes Ago?</b>	Navigation	Use of default FS tools and FS navigator.							4
<b>Different File Names for the Same Scenery - Why?</b>	Background	Explanation of why similar download packages have different names at different download sites.							8
<b>Dinner Anyone?</b>	Background	Illustration showing how onboard catering has changed since the days of the prop-liners.							14
<b>Do It Yourself!</b>	Aircraft	Package ocontaining a number of variations for FS of the Bowers Fly Baby homebuilt recreational aircraft.		fb_8jan.zip	Ron Wanttaja	Bowers	Fly Baby	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	19
<b>Do It Yourself!</b>	Website	The website of the real Bowers Fly Baby suppliers.				Bowers	Fly Baby	<a href="http://www.bowersflybaby.com">http://www.bowersflybaby.com</a>	19
<b>Do You See What I See?</b>	Scenery	A small scenery to add Ogopogo, the legendary lake monster of Lake Okanagan near Penticton, British Columbia, Canada.		ogopogo.zip	Ron Jeffers, David Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19

<b>Do You See What I See?</b>	Background	Link to website describing Ogopogo, the legendary lake British Columbia monster depicted in the FS scenery by David Marshall.					<a href="http://www.tourcanada.com/ogopogo.htm">http://www.tourcanada.com/ogopogo.htm</a>	19
<b>Does This Look Familiar?</b>	Humour	Link to a short but pertinent animation.					<a href="http://worteldrie.com/flash/emergency.swf">http://worteldrie.com/flash/emergency.swf</a>	18
<b>Door opening / closing - problem solved!</b>	Aircraft tweaks	Common difficulties using the "Shift+E" plus numeric key to operate doors or engines fixed by installing a gauge.	Selection Correction Gauge	rcbse-10.zip	Rob Barendregt		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Double your Pleasure - Double your Fun</b>	Systems	Link to site about multi-monitor gaming setups					<a href="http://graphics.toomshardware.com/graphic/20040216/index.html">http://graphics.toomshardware.com/graphic/20040216/index.html</a>	10
<b>Drivers Education 101</b>	Surface vehicle	Hints on using drivable cars in FS.						4
<b>Duplicate AFCADs?</b>	Utility	Utility to check for duplicated AFCADs which may cause conflicts with AI traffic etc.	Scan AFCAD	scanafd.zip	Eliot Rogers		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1
<b>Duplicate scenery textures</b>	Scenery	Utility which helps locate duplicated scenery textures to recover disc space.		find_all_duplicate_v2.3.zip	Gerard Durand		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1

<b>Dust, Dust, Dust Everywhere</b>	Aircraft tweaks	Editing the aircraft.cfg and using an effects file from the Lyons Grumman Goose to produce clouds of dust when landing on unsealed runways.		cc9g21f2.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Dust, Dust, Dust Everywhere</b>	Flight plans	Set of flightplans for Colorado Grass Strips.		coloradograss.zip	Slim Tannor			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>E-Mail Tip</b>	Website	Creating a graphic in place of your email address for any documentation you may mail or place online. Link to site which automatically creates the graphic. Not showing a readable email address is one method to reduce address harvesting by spammers.						<a href="http://services.nexodyne.com/email/index.php">http://services.nexodyne.com/email/index.php</a>	19
<b>Employment Opportunity</b>	Aircraft	Repaint and splash screen included with issue 19; the Tips & Tricks corporate scheme for the Premier Aircraft Design Socata Trinidad. Requires download of original freeware aircraft.		tb21n725.zip	Barry Blaisdell / Premier Aircraft Design ; Dave Armour			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	19
<b>Exceptional items</b>	Utility	Utility to enable following of AI traffic, with a variety of options.	Traffic View Board	tvb_v2.1.zip	Arnt Helge Haland			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	2

<b>ExeBuilder Tip</b>	Scenery design	Further information for the separate ExeBuilder Tutorial - a fix for an occasional problem.		excbld_tutorial.zip tutorial_correction.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Exploring Waterways</b>	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.						<a href="http://f1.aaa.lived">http://f1.aaa.lived</a>	5
<b>Feel It!</b>	Systems	Payware product to attach to computer chair, producing vibration related to game events.	Guitammer Buttkicker Gamer					<a href="http://www.hometheaterhifi.com/volume_12_4/butt_kicker-gamer-10-2005.html">http://www.hometheaterhifi.com/volume_12_4/butt_kicker-gamer-10-2005.html</a>	23
<b>Feel Like Starting Over?</b>	FS performance	Location of original textures on the FS CD set if needed for backup.							9
<b>Fill Her Up</b>	Real world aviation	Actual fuel costs for airliner operation.							20
<b>Final Issue</b>	Editorial	Announcement that T&T will be discontinued.							24
<b>Fireworks! Fireworks! Every Kid Likes Fireworks!</b>	Scenery	Package to install fireworks displays at your choice of locations.		aworldofireworks.zip	Ron Jeffers			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9
<b>First Time Flier</b>	Humour	An understandable mistake by a new flier...							22

<b>Flight Log</b>	FS performance	Location, editing and general use of the FS flight log.								21
<b>Flight Planning Tips</b>	FS performance	Tips for inserting multiple waypoints in FS flight planner.								20
<b>Flight Training!</b>	Website	Link to site specialising in learning to fly in flight sim. Includes downloadable training Cessna.				Cessna	182	<a href="http://www.navfltsm.addr.com/index.htm">http://www.navfltsm.addr.com/index.htm</a>		14
<b>Flyers Eye Test</b>	Unclassified	A small perception test!								18
<b>For Kids (of all ages)</b>	Aircraft	The Nimbus flying broomstick (from Harry Potter)		stn2004.zip	Shigeru Tanaka			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo">http://www.flightsim.com/cgi/kds/main/menuchoo</a>		3
<b>For the Birds</b>	Aircraft	Download of fully animated swans, either flyable or able to be used as AI.		Bird_SWAN.zip	Mitsuya Hamaguchi			<a href="http://www.bekkoame.ne.jp/i/m28hama/HammaField.htm">http://www.bekkoame.ne.jp/i/m28hama/HammaField.htm</a>		10
<b>For Users of the LAGO FSE program only</b>	Utility	Program to edit Lago FSE scenery objects.		fse_editor_2.zip	Steve Dunne			<a href="http://www.avsim.com/">http://www.avsim.com/</a>		8
<b>Forum Tip!</b>	Website	Hint to select notification of replies to your forum posts.								5
<b>Frame Rate Blues?</b>	FS performance	Modified autogen file to improve frame rates.		FPS_Patch_FS9.zip	Eddie Batista			<a href="http://www.surclaro.com">http://www.surclaro.com</a>		10
<b>Frame Rate Blues?</b>	FS performance	How to display frame rates on screen.								10

<b>Frame Rates</b>	FS performance	Setting target frame rates.							3
<b>From One Extreme To Another</b>	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	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>From the E-Mail Bag Department</b>	Utility	Freeware program for capturing screen shots.	Snapshooter	ss211final_setup.zip	Johan Johanson			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>From the E-Mail Bag Department</b>	Utility	Freeware program for capturing screen shots.	FSScreen	fsscreen.zip	Matthias Holzer			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>From the E-Mail Bag Department</b>	Utility	Freeware full featured graphic program also able to capture screen shots.	Irfanview		Irfan Skiljan			<a href="http://www.irfanview.com">http://www.irfanview.com</a>	15
<b>From the E-Mailbag Department</b>	FS performance	How to have all FS aircraft load with engines off.							17
<b>From the E-Mailbag Department</b>	FS performance	Resizing and repositioning ATC window.							17
<b>From the E-Mailbag Department</b>	FS performance	Editing any saved flight in a text editor, including the default flight. Reverting to the default flight after saving another as default.							17
<b>From the E-Mailbag Department</b>	AI traffic	How to solve the problem of AI aircraft vanishing after landing, using AFCAD by Lee Swordy.	AFCAD		Lee Swordy				18

<b>From the E-Mailbag Department</b>	FS performance	Changing settings away from system time to allow saved flights to retain the correct time settings.							19
<b>From the E-Mailbag Department</b>	FS performance	Using AFCAD to define closed runways, and also circuit directions, to more accurately reflect real world useage.							19
<b>From the E-Mail Bag Department</b>	FS performance	A solution to FS failure to print flight plans.							20
<b>From the E-Mail Bag Department</b>	FS performance	Explanation of why some FS textures can not be viewed in the normal way due to specialised bitmap formats. Link to the DXTBMP viewer designed for viewing them.		dxtbmpx.exe				<a href="http://www.fly.to/mwgf/x">www.fly.to/mwgf x</a>	20
<b>From the E-Mail Bag Department</b>	FS performance	Changing the file names of saved flights manually does not influence their appearance in the menu. How to change the menu entry for saved flights.							21
<b>From the E-Mail Bag Department</b>	Background	Explanation of ADF and NDB navigational equipment.							22
<b>From the E-Mail Bag Department</b>	Scenery design	Adding an NDB to an airport using AFCAD.							22

<b>From the E-Mail Bag Department</b>	FS performance	Testing confirms FS2004 will not rebuild a removed or deleted scenery.cfg file.							23
<b>From the E-Mail Bag Department</b>	FS performance	How to permit ATC to direct you to a different runway end. Requires setting wind direction and/or ensuring the airfield's AFCAD allows takeoff from the desired runway.							23
<b>From the E-Mail Bag Department</b>	Website	Searching by file name at FS download sites - some possible causes of failed searches.							23
<b>From the Mailbag Department</b>	Background	Explains what the "file_ID.diz" files found in many FS downloads are about.							14
<b>From the Mailbag Department</b>	Background	Explains what the "fsfsconv" folder, sometimes appearing in the Flight Simulator aircraft folder, was used for.							14
<b>From the Mailbag Department</b>	Real world aviation	Interpreting the VASI runway approach lights and link to site for more information. Ability to add approach lights using AFCAD.						<a href="http://www.bayareapilot.com/vasiPAPI.htm">http://www.bayareapilot.com/vasiPAPI.htm</a>	13

<b>From the Mailbag Department</b>	FS performance	Explanation of files ending with a .dat extension							16
<b>From the E-Mail Bag Department</b>	FS performance	Suggestions to optimise available disk space.							24
<b>From the E-Mail Bag Department</b>	Utility	Utility to clean up and recover disk space.	dclean					<a href="http://find.pcworld.com/54310">http://find.pcworld.com/54310</a>	24
<b>FS2004 and Laptops</b>	FS performance	Request to readers for information on running FS9 on a laptop.							19
<b>FSX DEMO WARNING!</b>	FS performance	Warning against using the "Repair" function in the FSX demo version if error message appears.						<a href="http://www.microsoft.com/games/flightsimulator/downloads.html">http://www.microsoft.com/games/flightsimulator/downloads.html</a>	23
<b>Full Screen Look Alike</b>	FS performance	How to use FS in windowed mode with menu bars hidden.							4
<b>Fuzzy Runway Lights?</b>	Scenery	Utility to provide sharper runway lights in flight sim.		rlights.zip	Holger Busekros			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Gear Up – Gear Down?</b>	Panels and gauges	A gauge to remind FS pilots to check their undercarriage is lowered when set up for landing.		ckgear_1.zip	Glenn Copeland			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	20
<b>Gear Up – Gear Down?</b>	Panels and gauges	A gauge to raise gear on takeoff.		3rdhand1.zip	Glenn Copeland			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	20

<b>Genealogy and Flying?</b>	Scenery	Airport scenery for Prestwick EGPK, Glasgow, Scotland.		pik2004.zip pikpatch.zip	Iain Gallacher	Scotland	Glasgow	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	15
<b>Get In On The Ground Floor!</b>	Website	A German/English site with numerous downloads to enhance FS.			Juergen Haible			<a href="http://www.elbiah.de/flusi/">http://www.elbiah.de/flusi/</a>	4
<b>Getting Lined Up</b>	Website	Link to site with instructions for adding a windshield reference point to FS aircraft to assist lining up runway approaches.						<a href="http://www.desktopaviator.com/Articles/AlignmentBar/index.htm">http://www.desktopaviator.com/Articles/AlignmentBar/index.htm</a>	24
<b>Gifts for Our Readers</b>	Attachment	Two attachments to the issue, one being an animated Christmas .gif contrived by Erwin Henkel of Holstebro, Denmark, and the second an enhancement for the Cessna 182, provided by Sid Star of Amsterdam, Netherlands, which allows browsing of the internet from FS.							17
<b>Give Yourself a Present!</b>	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	<a href="http://www.maaam.org/">http://www.maaam.org/</a>	3

<b>Give Yourself a Present!</b>	Scenery	Scenery of Reading, Penn. Airfield and Midwest Air Museum.		krdg-fs9.zip	Bill Womack, Kenneth Weik, Charles Dayhuff	United States	Pennsylvania	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Go North Young Man</b>	FS performance	Quick trick to orient aircraft to north in slew mode - hit the spacebar.							14
<b>Gone, But Not Forgotten</b>	Aircraft	Martin 404 airliner by Dee Waldron	Browse menu on site - various		Dee Waldron	Martin	404	<a href="http://www.calclase.com/">http://www.calclase.com/</a>	8
<b>Gone, But Not Forgotten</b>	Website	The California Classics website, specialising in historical airliners and scenery.						<a href="http://www.calclase.com/">http://www.calclase.com/</a>	8
<b>Gone Fishing?</b>	Real world aviation	Image of an Alaskan Airways livery.							20
<b>Good things DO Come in LARGE Packages!</b>	Scenery	Scenery of Thunder Bay, Ontario, Canada. NB - large but detailed download		thunderbay2.zip	Flight Ontario	Canada	Ontario	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5
<b>Guage Removal Program</b>	Utility	Program to sort and remove unused guage files from the FS Guages folder.	DR.GUAGE	drg32.zip	Alessandro Antonini			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>Guages</b>	Utility	Utility to remove (or backup) unused guages from the FS guages folder.		GuageClean4.zip	Scott Campbell			<a href="http://fsflightdeck.com/">http://fsflightdeck.com/</a>	2

<b>Happy Birthday!</b>	Background	Reminder that 2005 marks the 70th Anniversary of the Douglas DC-3. A commemorative FS9 splash screen is included with the T&T 15 download.							15
<b>Have You Ever Seen an Elephant Fly?</b>	Flyable animals	You can fly a flock of geese, a bald eagle or sail a killer whale. Includes some preset flights.	FS9 Animal Simulation 1	animalsim1.zip	Ron Jeffers			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>Have You Ever Seen an Elephant Fly?</b>	Flyable animals	A flyable Godzilla monster.	GodziLLa	godzilla.zip	Ron Jeffers			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>Helicopter Heads Up</b>	FS performance	Recommended Hardware (joystick) settings for flying helicopters in FS.	Realism and Control Sensitivity Settings for		Steve Hanley			<a href="http://hovercontrol.com/">http://hovercontrol.com/</a>	19
<b>Helicopter Pilot In Training?</b>	Aircraft	Agusta helicopter recommended for easier landings using its wheeled gear.		Gmax_Agusta_109.zip		Agusta	109	<a href="http://www.hovercontrol.com/">http://www.hovercontrol.com/</a>	7
<b>Helicopter Pilot In Training?</b>	Flying	Hints on learning to handle helicopters in FS, with the help of handy ground reference points as provided in the AEU scenery download.	Airport Environment Upgrade 7.0 (AEU7) and others	aeu7.zip	Chris Arrington			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	7
<b>Helicopters 101</b>	Utility	Utility providing automatic hover and other useful modifications to FS helicopters.		206mod.zip	Robert Hawk			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	5

<b>Help Is On The Way!</b>	FS performance	Accessing FS help files directly from desktop.							12
<b>Historic Aircraft</b>	Aircraft	Detailed model of the classic German trimotor transport.		junkers_52_v1.5.exe		Junkers	Ju-52	<a href="http://www.junker">http://www.junker</a>	15
<b>Historic Aircraft</b>	Aircraft	Detailed model of the German wartime biplane trainer.		buecker_131_v1.exe		Bucker	Jungmann	<a href="http://www.junker">http://www.junker</a>	15
<b>Historic Aircraft</b>	Website	Link to <i>The Ju-52 Factory</i> website, giving history and details of the wartime trimotor transport used by the Luftwaffe.	The Ju-52 Factory			Junkers	Ju-52	<a href="http://www.ju52-3m.ch/about.htm">http://www.ju52-3m.ch/about.htm</a>	15
<b>Historic Aircraft</b>	Website	Link to short history of the Ju-52 from the Spanish Civil War to WW2.				Junkers	Ju-52	<a href="http://www.constable.ca/ju52.htm">http://www.constable.ca/ju52.htm</a>	15
<b>Historic Aircraft</b>	Website	Link to museum website with images and history of the classic German biplane trainer, the Bucker Jungmann.				Bucker	Jungmann	<a href="http://www.fantasyofflight.com/aircraftpages/jungmann.htm">http://www.fantasyofflight.com/aircraftpages/jungmann.htm</a>	15
<b>Ho hum ...</b>	Website	Link to FS-shipyards website, offering pilotable ships.						<a href="http://fs-shipyards">http://fs-shipyards</a>	3
<b>Holiday Fun</b>	Aircraft	Harry Potter's steam-powered, bat-winged flying machine.		uabat.zip uabflap.zip	Kevin Bryan / Unreal Aviation			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	16

<b>Holiday Fun</b>	Aircraft	US Navy radar blimp with civilian paints.		uaas4.zip	Kevin Bryan / Unreal Aviation	US Navy	Blimp	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	16
<b>Holiday Fun – For Kids of All Ages</b>	Aircraft	Entertaining flyable rendition of an alien flying saucer.		ufoaj.zip and update ufofaxj.zip	Andy Johnston	UFO	Saucer	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	24
<b>Holiday Ideas</b>	Aircraft	Flyable Santa's sleigh.		sleig2aj.zip	Andy Johnston	Santa	Sleigh	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>Holiday Ideas</b>	Scenery	Santa's new headquarters in Canada, including out-of-season closure of premises.		santavaj.zip	Andy Johnston	Canada	Santa's Workshop, Churchill Manitoba	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>Holiday Ideas</b>	Aircraft	Santa Express paint of the Eric Cantu / FFX Boeing 737-300.		ffx_b737_300_santa_express.zip	Leigh Green / FFX / Eric Cantu	Boeing	737-300	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Home, Sweet Home</b>	Scenery	Detailed scenery with effects of the Cany-Barville Castle, France.		barville.zip	Frédéric Picci	France	Durdent Valley	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Home, Sweet Home</b>	Scenery	AFCAD for Cany-Barville castle, France.		Castle_Afcad.zip	David "Opa" Marshall	France	Durdent Valley	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Hooked on Simming</b>	Attachment	Files to add aircraft themed cursor	Included in T&T 4 package						4

<b>How Safe is Safe?</b>	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
<b>How to Lose Weight</b>	Background	Potential new paint schemes for Air Canada, including a plan to minimise paint to reduce aircraft weights and consequent fuel costs.							19
<b>Humour Department</b>	Humour	Joke. I won't spoil the punchline.							6
<b>Humor Department</b>	Humour	Interesting report of an "air accident" written in authentic style, but of questionable authenticity!						<a href="http://www.theonion.com/content/node/50901">http://www.theonion.com/content/node/50901</a>	23
<b>Hurricane Hunter</b>	Aircraft	WP-3D Hurricane Hunter version of of the Lockheed Orion.		wp3dvol6.zip	Daisuke Yamamoto, Hiroaki Kubota	Lockheed	WP-3D	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>I am Seeking Investors!</b>	Humour	Introducing the ANS navigation system.							15
<b>I Can Fly Anywhere!</b>	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			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	6

<b>I Didn't Know You Could Do That Department</b>	Aircraft	Classic pre-war British biplane flying boat.	Short S.17 Kent 'Scipio' Class Flying Boat	s17_v1.zip	Jens B. Kristensen	Shorts	S.17 Kent	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>I Didn't Know You Could Do That Department</b>	FS performance	Using map view to generally reposition aircraft in flight sim, or to place flying boats or water craft onto water.							13
<b>I Know the "Engines Are Not Running"!</b>	FS performance	How to turn off unwanted flying tips.							7
<b>I Won't Be Offended</b>	Editorial	Donations to the compiler of T&T welcomed - towards a computer upgrade for FSX!							24
<b>Identifying AI Traffic</b>	AI traffic	Changing the FS settings which display identifying text tags on AI traffic which is in sight of your aircraft.							10
<b>Important Scenery Information Update!</b>	FS performance	Capacities of FS2002 and FS2004 for additional sceneries. Location and role of language.dll file							7
<b>Important Update for FSNavigator Users!</b>	Utility	Link to FSNavigator site to download latest version of the program.	FSNavigator	fnav470.zip				<a href="http://fsnavigator.com/index.htm">http://fsnavigator.com/index.htm</a>	13

<b>In a Hurry?</b>	FS performance	How to begin a saved flight directly, without first starting up Flight Simulator.							18
<b>In Case You Are Wondering Department</b>	Author	Author's non-association with any FS site, program or author.							5
<b>In Case You Missed It</b>	Scenery	Tutorial on adding an animated windsock which responds to wind speed and direction.		windsock_tutorial.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>In Case You Missed It Department</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>In Case You Missed It Department</b>	Scenery	Updates to Holger Sandmann's <i>Columbia River Gorge</i> scenery.		crg_upd1.zip	Holger Sandmann and Larry Silsbee	United States	Washington	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>In Case You Missed It Department</b>	Scenery design	FAQ document for the Runway 12 (RWY12) Object Placer.		rw12_object_placer_faq.zip	David Marshall, Gary Mills, Charles			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9
<b>In Case You Missed It Department</b>	Aircraft tweaks	Package to add altitude callouts to aircraft, and an update reducing the volume to a more appropriate level.		altitude_callout.zip and reduced_fpda_callouts.zip	David Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18

<b>In Search of Realism Department</b>	AI traffic	Set of AI paddle wheel vessels for the Mississippi River. Available at		ai_river_queen.zip	M. Allen Richards			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>In Search of Realism Department</b>	Scenery	Detailed scenery for Bacolod Airport in the Philippines. Has dynamic components.		gmax_bacolod_v2005.zip	Ver Walter Gulfan	Philippines	Bacolod	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>In Search of Realism Department</b>	Utility	A program to play ATC radio chatter, customisable to change with locality, range etc. Update file also needed.	FSChatter	fsc265.zip fsc265u.zip	Dave Westbury			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>In Search of Realism Department</b>	Website	Link to site for AI Flight Creator and other FS utilities.	Dave Westbury's FlightSim		Dave Westbury			<a href="http://ca.geocities.com/digiwest2002@rogers.co">http://ca.geocities.com/digiwest2002@rogers.co</a>	8
<b>Interior Decoration</b>	Panels and gauges	Tutorial on changing nighttime lighting on panels, including some panel icons.		cockpit_lighting.zip (Ckpl_Tut.zip at	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Is Your Monitor Stuttering?</b>	Utility	Download allowing PCI latency to be set to prevent stuttering in high-end setups.						<a href="http://downloads.guru3d.com/download.php?det=951">http://downloads.guru3d.com/download.php?det=951</a>	11
<b>It Ain't Necessarily So!</b>	Scenery	Ability to use sceneries designed with Runway 12 (RWY12) enhancer without having RWY12 installed. Listing of RWY12 additional libraries.		Rwy12_V1.1.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12

<b>It's FREE ... Or Is It?</b>	Editorial	Reminder that someone has to pay for the "free" FS websites, and how some depend on hits or sales at sponsor sites.							6
<b>It's Only Money!</b>	Real world aviation	Introduction to the real-world fly-in community of Jumbolair, near Ocala, FL, and to John Travolta's Greystone residence and aircraft fleet, including a Boeing 707 in Qantas livery.					<a href="http://www.jumbolair.com/jumbolair.htm">http://www.jumbolair.com/jumbolair.htm</a>		18
<b>It's Only Money!</b>	Scenery	FS2004 scenery depicting Jumbolair, near Ocala, FL., including John Travolta's residence .		dbwsimgreystone05.zip	Derek Web, Brendan Webb		<a href="http://www.avsim.com/">http://www.avsim.com/</a>		18
<b>Jetways</b>	Scenery	Package to add jetways to those airfields lacking them in the default version.		FS9JETS.ZIP	Patrick Finch		<a href="http://www.avsim.com/">http://www.avsim.com/</a>		4
<b>Just Breathtaking</b>	Attachment	Impressive photo of sunset at the North Pole with the moon at its closest point. Included as attachment to T&T 20.							20
<b>Just For Fun</b>	Humour	Link to an amusing stress reliever. You need sound for it...							23

<b>Just For Fun</b>	Real world aviation	Link to short video clip illustrating the air traffic trying to get on the ground to avoid a cold front approaching the FEDEX hub at Memphis, Tennessee.						<a href="http://video.google.com/videoplay?docid=-6886880938991195179">http://video.google.com/videoplay?docid=-6886880938991195179</a>	24
<b>Just For Kids?</b>	Aircraft	A fun helicopter for FS2004 designed as if built from Lego shaped blocks.	Lego Police Helicopter	legopc.zip	Mark Walsh	Lego	Police Helicopter	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	22
<b>Just Passing By</b>	Utility	Add-on to enable a fly by view of user or AI aircraft in tower mode.	Fly By Module	flyby20.zip	Valery Stenin			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Just What does ICAO Stand For?</b>	Real world aviation	Explanation of the common term for the Canadian based organisation which sets various international transport standards.							9
<b>Keeping in Shape</b>	Systems	Link to forum thread about enhancing Windows XP performance, which in turn may improve FS performance.						<a href="http://forums.avsim.net/dcboard.php?az=show_mesg&amp;forum=197&amp;topic_id=2504&amp;mesg_id=2504&amp;">http://forums.avsim.net/dcboard.php?az=show_mesg&amp;forum=197&amp;topic_id=2504&amp;mesg_id=2504&amp;</a>	11
<b>Keyboards for sale!</b>	Humour	A keyboard innovation to answer a widely-felt need...							13

<b>Kiosk Mode</b>	Systems	How to set Flight sim to run for a preset time without running the risk of having someone changing settings. This is similar to commercial kiosk setups in shops and offices.		kiosk.exe and kiosk.rtf				Included in main FS9 folder.	17
<b>Kneeboard Enhancement</b>	Utility	Simple enhancement to the regular FS pilot kneeboard to enable display of a variety of data for all aircraft. HTML based.	Omni Notes	omni_notes.zip at Avsim.com; omninote.zip at Flightsim.com	Loyd Livaudais and David Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>Knowledge Test</b>	Background	A short question - useful for after-dinner quizzes.							7
<b>LAGO</b>	Scenery	Link to Lago site for Lago FSE (or FSSE and FSSC in FS2002)		See options on site	Lago			<a href="http://www.lagosim.com/default.asp?lang=eng">http://www.lagosim.com/default.asp?lang=eng</a>	1
<b>Laptop Feedback</b>	FS performance	In response to a question in T&T19, some information on running FS2004 on a laptop.							20
<b>Less is Better!</b>	Aircraft	Combining textures from aircraft using same base model into one folder (I.e. adding textures to base folder instead of separate installations).							4

<b>Let it Snow</b>	Scenery	A fictional vintage airstrip in Alaska with custom sounds and an effects pack to enable blowing snow during the Fall and Winter seasons as well as blowing dust at the start of Spring. Lago FSE optional but not compulsory.	Schwenz Vintage 1938	schwenz_1938_vintage_airstrip.zip and schwenz_vintage_airstrip_enhancement_fix.zip	Mike Woolsey	United States	Alaska	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Let It Snow!</b>	FS performance	Introduction to manually setting weather in FS, using snow as an example.							21
<b>Let's Go "Barnstorming"</b>	Scenery	Scenery of a rural barn with both ends open, for adventurous pilots to fly through.		buzzbarn.zip	Danny Levin			<a href="http://hovercontrol.com/">http://hovercontrol.com/</a>	8
<b>Let's Go Hunting!</b>	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	<a href="http://hovercontrol.com/">http://hovercontrol.com/</a>	6
<b>Let's Go Sightseeing!</b>	Scenery	Scenery of Columbia River Gorge, including navigable river.		cr_gorge.zip	Holger Sandmann	United States	Oregon Washington	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5
<b>Let's Go Sightseeing!</b>	Scenery	Scenery of Sydney Harbour, Australia.		syd2004.zip	Clive Marriott	Australia	New South Wales	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5
<b>Let's Go Sightseeing!</b>	Scenery	Statue of Liberty, NY, scenery.		statueofliberty.zip	Daniel Buechter	United States	New York	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5

<b>Lets Hear It for the Lady!</b>	Aircraft	Display scheme for the Stearman reviewed in T&T 9, and some real-world background.		stear_pk.zip at AVSIM	Manfred D.Saliger	Boeing	Stearman	<a href="http://www.wing-walkers.com">http://www.wing-walkers.com</a>	15
<b>Lighting Upgrade</b>	Scenery	Night light environment upgrade packages.		une.zip (Flightsim.com) neu.zip (AVSIM)	Maurice Roenick			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Lights - Camera - Action!</b>	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			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	10
<b>Links to My Uploads</b>	Website	Link to files uploaded by David Marshall at AVSIM			David "Opa" Marshall			<a href="http://library.avsim.net/eseach.php?CatID=fs200">http://library.avsim.net/eseach.php?CatID=fs200</a>	6
<b>Little Known Scenery</b>	Scenery	Demonstration download of Eaglesoft FBO sceneries for VIP terminals at some US airports.	Eaglesoft FBO Scenery by Michael Carr		Michael Carr	United States		<a href="http://www.eaglesoftdg1.com/downloads.htm">http://www.eaglesoftdg1.com/downloads.htm</a>	3
<b>Little Known Scenery</b>	Scenery design	Eaglesoft Hanger Kit to place hangars with opening doors at airfields. Available at Eaglesoft or AVSIM sites.	Eaglesoft Hanger Kit					<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3

<b>Lobster Anyone?</b>	Scenery	Update of an entertaining FS2002 scenery, intended primarily for use in Golden Wings 3, of a beach gathering, encouraging a drive by accompanying scenery items to the site via the road from Bar Harbor airfield.	Maine Lobster Fest	msh_ff1.zip and msh_ff1ud1.zip	Leon Louis	United States	Maine	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Lobster Anyone?</b>	Scenery	Scenery of a small coastal airport convenient to the author's Maine Lobster Fest scenery.	Bar Harbor Airport	msh_ff3.zip	Leon Louis	United States	Maine	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Lobster Anyone?</b>	Scenery	A scenery of a prohibition-era still hidden in the mountains, suitable for the Golden Wings 3 FS9 enhancement.	McTavish's Still	msh_ff2.zip	Leon Louis	United States	Maine	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Lobster Anyone?</b>	Surface vehicle	Driveable classic 1951 Volkswagen Beetle.		vwrprf.zip	Rainer Girbig	Volkswagen	Beetle	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>Locking Frame Rates - revisited</b>	FS performance	Clarifies the reason for setting a specific and relatively low limit on frame rates in FS.							20
<b>Longevity</b>	Real world aviation	Retirement of Southwest Airlines' last Boeing 727.							4
<b>Look Ma, No Brakes!</b>	FS performance	How to remove the red "brakes" message from the FS screen by editing the FS9.cfg file.							4

<b>Look to the Stars</b>	Scenery	Notes on the changes to the "Big Dipper" star constellation, and making the connecting lines in the constellation visible by editing the FS9 stars.dat file.							13
<b>Looking For Something New To Do?</b>	FS performance	Wide range of FS2004 tutorials which can be found by simple search of major FS download sites.							24
<b>Lost Your Voice?</b>	FS performance	How to locate and restore original ATC voice files, if lost, from the FS2004 CDs.							11
<b>Make A Little History Yourself</b>	Utility	Flying the historical adventures provided with FS9, and a tutorial on using an onboard map in conjunction with the flights.		VFR_Map_Tutorial.zip at AVSIM: VFRMpTut.zip at Flightsim.com	Richard J. Parrish			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Make an Executive Decision!</b>	FS performance	How to set up multiple start-up configurations for FS9.							15
<b>Making Niagara Falls Come Alive!</b>	Scenery	Files to add sounds to landmarks such as Niagara Falls, Mount St. Helen's and Victoria Falls using the payware Lago enhancer (FSE).		wldsnds1.zip	Lou Frost	United States and other		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12

<b>Making Room</b>	Utility	Allows you to separate the traffic inbound to an airport defining a set of parameters like minimum separation, desired separation, and reduced separation zone.	AI Separation	fsaisv1.1.zip	Armando Di Francesco			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Making Your Own PDF Files</b>	Utility	Freeware utility, Primo PDF, which will convert common printable media to PDF format. Less fully featured than Adobe but perfectly functional for small tasks.	Primo PDF					<a href="http://www.primo-pdf.com">http://www.primo-pdf.com</a>	24
<b>Men and Their Toys</b>	Background	Radio controlled flying model of the C-17 Globemaster III, one of the largest jet models in the world today, built in the UK. Has many functioning features.							24
<b>Meet the Compiler</b>	Author	Short autobiographical sketch of David Marshall, author of the <i>Tips &amp; Tricks</i> series.							11
<b>Memory Leak?</b>	FS performance	Explanation of the term "memory leak", its causes in FS and how to minimise the effect, particularly by removing unneeded texture folders for landclass.							16

<b>Memory Leak Revisited</b>	FS performance	Link to forum explanation of memory leaks in FS, by Holger Sandmann.			Holger Sandmann			<a href="http://forums.avsim.net/dcboard.php?az=show_topic&amp;forum=121&amp;t">http://forums.avsim.net/dcboard.php?az=show_topic&amp;forum=121&amp;t</a>	21
<b>Military Secret!</b>	Humour	Photograph of developments in stealth aircraft.							20
<b>Missing a DLL?</b>	Website	A website providing downloads of a great variety of DLL (Dynamic Link Library) files.						<a href="http://www.dll-files.com/">http://www.dll-files.com/</a>	17
<b>Missing jetways?</b>	FS performance	Default airport jetways depend on scenery density setting.							2
<b>Mission Impossible?</b>	Scenery	Series of highly detailed scenery downloads for California mission buildings.		slreym1.zip and others	Ron Ezra	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4
<b>More Creative Scenery</b>	Scenery	Scenery of Victoria, BC harbour with AI helicopter and shipping.		vicenh04_files.zip	John Patch	Canada	British Columbia	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>More Exceptional Aircraft</b>	Aircraft	De Havilland Dove light propellor transport with three liveries, includes panel by Saverrio Maurri.		dh104v1.zip	Derek Palmer, Saverrio Maurri	De Havilland	DH104 Dove	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	18
<b>More Exceptional Aircraft</b>	Aircraft	Light aerobatic biplane, the Christen Eagle II, with sounds by Aaron Swindle. Virtual cockpit only. T&T advice on adding smoke effects.		liceagii.zip	Long Island Classics Design Team	Christen	Eagle II	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18

<b>More Great Web Sites</b>	Website	This site has a great collection of Videos relating to Aviation.						<a href="http://alexisparkinn.com/aviation_videos.htm#Videos">http://alexisparkinn.com/aviation_videos.htm#Videos</a>	20
<b>More Great Web Sites</b>	Website	Flight Sim 2004 (and 2002) scenery website - arranged by country. An excellent resource.						<a href="http://walhalla.mine.nu/fs2004/whatsnew.php">http://walhalla.mine.nu/fs2004/whatsnew.php</a>	20
<b>More Great Web Sites</b>	Website	Airport Information site. This site has everything you might ever need to know including Nav aids.						<a href="http://www.airnav.com/">http://www.airnav.com/</a>	20
<b>More Great Web Sites</b>	Website	Highlights of the 2005 Russian Air Show. Spectacular pictures and descriptions of the latest and greatest aircraft from Russia.						<a href="http://www.richard-seaman.com/Aircraft/AirShows/Maks2005/Highlights/">http://www.richard-seaman.com/Aircraft/AirShows/Maks2005/Highlights/</a>	20
<b>More Great Web Sites</b>	Website	The MSFS Gateway - links to over 500 web sites offering a wide range of aircraft, scenery and other add-ons and downloads for Microsoft Flight Simulator FS2004 (MSFS).						<a href="http://www.msfsgateway.com/">http://www.msfsgateway.com/</a>	20

<b>More Great Web Sites</b>	Website	A free and powerful flight tracker to access flight status, tracking, and analysis. Enter a flight (tail number, identifier, or airline name and number) for live tracking, or airport code to view activity there.						<a href="http://flightaware.com/">http://flightaware.com/</a>	20
<b>Mountain Wars</b>	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
<b>Mountain Wars</b>	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	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>Move Scenery &amp; Aircraft Easily</b>	Aircraft Scenery	Techniques for installing aircraft and scenery additions.							4
<b>Multiplayer 101</b>	FS performance	How to set up a multi-player flight sim session between two players.							21
<b>Must have file</b>	Utility	Reference to scenery design site, which includes downloads such as the "No CD" patches.						<a href="http://www.scene">http://www.scene</a>	2
<b>Must have textures</b>	Scenery	Reference to source for essential common scenery textures	Refer to site	Refer to site	Various			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo">http://www.flightsim.com/cgi/kds/main/menuchoo.</a>	1

<b>Must haves</b>	Utility	FSNavigator for using flight plans	FSNavigator	Select on site	FSNavigator			<a href="http://fsnavigator.com/index.htm">http://fsnavigator.com/index.htm</a>	1
<b>Must haves</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1
<b>My favourite add-on sceneries</b>	Scenery	Author's choice of FS2004 sceneries							1
<b>Mystery Solved!</b>	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
<b>Mystery Solved!</b>	Website	Website dedicated to Mirage military jets for FS.			Frank Safranek	Dassault	Mirage	<a href="http://www.mirage4fs.com">http://www.mirage4fs.com</a>	7
<b>Nag - nag -nag!</b>	FS performance	<b>Strong advice - always backup files before changing or overwriting.</b>							3
<b>Navigation aide</b>	Utility	Additional gauge to locate and set details for ILS approaches		rwyinfo.zip	Ernie Alston			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo..">http://www.flightsim.com/cgi/kds/main/menuchoo..</a>	1

<b>Need More Juice?</b>	FS performance	Ways to retain battery power in aircraft, for example when AI "spotting" with radio on and engine off.							24
<b>Need Something to Occupy Your Time on Long Flights?</b>	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					<a href="http://www.atcmo">http://www.atcmo</a>		7
<b>Never Too Old to Learn Department</b>	FS performance	Use of ALT key to toggle menu bar.							4
<b>Never Too Old to Learn Department</b>	Website	Website providing maps and aerial views of US locations, helpful in scenery design.					<a href="http://terraserver">http://terraserver-</a>		5
<b>New Source for Scenery</b>	Website	Link to Heather Sherman FS download site.			Heather Sherman		<a href="http://fly-heather.avsim.net/index.html">http://fly-heather.avsim.net/index.html</a>		6
<b>New Years Resolution?</b>	Systems	Use of some old 3D glasses for television may add 3D effect to Flight Sim.							18
<b>Nighttime Feedback</b>	Systems	Safety issues with leaving monitors on overnight.							17

<b>No CD Needed</b>	Utility	Reminder of availability of patch removing need to insert FS CD 4 to run FS. Two versions, for FS9 and FS9.1. Refer T&T issue 2.								21
<b>Now That's Refreshing!</b>	FS performance	Ability to refresh scenery while running FS using an assigned key.								13
<b>Now Who Put That There?</b>	Scenery tweak	File to remove orphan coastlines from the Great Lakes.		grt_lks_sndbr_fix.zip	Garvin Barnicoat			<a href="http://www.avsim.com/">http://www.avsim.com/</a>		15
<b>Now You See It, Now You Don't!</b>	Utility	Utility to create screen-savers from saved FS movie.		SSaver.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>		5
<b>Numbers</b>	Attachment	Number pronunciation guide, as used in radio communication. Separate attachment in T&T 8 package.								8
<b>Number Please</b>	Aircraft	Robin 3000 aircraft with innovative panel guage to facilitate ATC messages in FS9.		robin3k3.zip	Nick Pike, Matthias Lieberecht	Avions Robin	Robin 3000	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		16
<b>Of Historical Interest</b>	Aircraft	Howard Hughes' giant 1947 flying boat, with virtual cockpit and a flight setup for Long Beach, Ca.		sprgoo04.zip	Dennis Simanaitis	Hughes	H-4, HK-1, Spruce Goose	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>		20

<b>Of Historical Interest</b>	Aircraft	Unique light observation aircraft with shrouded turbine, twin tail booms and helicopter-like bubble cockpit. NB: Fix file also needed.		optica.zip and opticafix.zip	Jeffrey Nissen	Edgley	EA7 Optica	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>Of Historical Interest</b>	Panels and guages	Reminder about a power seat guage which can be added to panels to make seat (and view) adjustment easier. Ref. T&T 19.			Glenn Copeland				21
<b>Of Historical Interest</b>	Aircraft	Mike Stone's FS9 model of the Handley Page 42 airliner, as used by Imperial Airways prior to World War 2. Some history and a link to a site about the aircraft.		shp42.zip	Mike Stone	Handley Page	HP42	<a href="http://www.pmstone.com/AircraftCommercial.htm">http://www.pmstone.com/AircraftCommercial.htm</a>	22
<b>Of Historical Interest</b>	Aircraft	The 1925 French Farman Jabiru 7-seat airliner, modelled with virtual cockpit and detailed interior. Also a link to a website about the aircraft.		jab_v20.zip at both AVSIM and Flightsim.com	Jens B. Kristensen	Farman	F-121 Jabiru	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Of Historical Interest</b>	Scenery	Scenery of Kai Tak airport (VHHX) as it was until 1998, after which it was replaced by VHHH. A demonstration local traffic file, with instructions, is included with this issue of T&T.		kaitak98.zip at AVSIM and Flightsim.com	Jim Vile, Tom Gibson, Holger Sandmann and others	Hong Kong	Kai Tak	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23

<b>Of Historical Interest</b>	Website	California Classics site which provides downloads of airliners, AI flightplans and sceneries from the slightly pre-jetliner period.	California Classics		Tom Gibson			<a href="http://www.calclassics.com/">http://www.calclassics.com/</a>	23
<b>Off the Beaten Path</b>	Utility	A utility that avoids the need to reinstall FS2004 and allows you to restore the path in the registry quickly and easily, if you have manually copied FS to another drive or reinstalled Windows.	TweakFS Path Utility for FS2004					<a href="http://tweakfs.com/download/fs9path_utility.zip">http://tweakfs.com/download/fs9path_utility.zip</a>	21
<b>Off the Beaten Path</b>	Website	Website providing a number of free or payware utilities for FS.						<a href="http://tweakfs.com">http://tweakfs.com</a>	21
<b>Ok, I Give Up - What Is It?</b>	Scenery design	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	7
<b>One Final Idea Regarding "Stuttering"</b>	FS performance	Changing BIOS at boot may stop stuttering in FS on high-end machines.							12
<b>One More AI Idea</b>	AI traffic	Utility to make AI aircraft perform holding manouvers rather than "go around" on crowded approaches.		aismooth_v100.zip	Michael Sagner			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11

<b>One Way Street</b>	Editorial	Advice to readers about problems in replying to emails due to wrong addresses, local settings etc.							22
<b>Online Flying Q and A</b>	Website	TradeWind Caribbean Virtual Airlines (TCA) website, which includes a good manual answering most questions about online flying.						<a href="http://www.tradewind.org/">http://www.tradewind.org/</a>	22
<b>Only God Can Make a Tree</b>	Scenery design	Program to insert trees into scenery.	Tree Planter	treeplanter_v3.zip	George Davison			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>On or Off?</b>	Humour	A short online demonstration of what might happen if your PC is left on overnight.						<a href="http://www.justracin.net/is.swf">http://www.justracin.net/is.swf</a>	16
<b>On the Lighter Side</b>	Humour	Some humorous contributions from T&T readers.							18
<b>Organise your AFCADs</b>	Scenery	How to store AFCAD files to enable better management of updates and changes.							7
<b>Other Recent Scenery Releases</b>	Scenery	Detailed scenery of the Bermuda Islands, airport, VFR objects and surface traffic.	FreeFlow Bermuda	ffbm1.3.zip	Scott Gridley	Bermuda		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Other Recent Scenery Releases</b>	Scenery	Victoria, BC Harbour scenery.		vicenh05.zip	Jon Patch, Holger Sandmann	Canada	British Columbia	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15

<b>Other Tutorials of Interest</b>	Aircraft tweaks	Tutorials on tweaking the kneeboard display, and adding Nav and ADF radios as popup windows.		kneeboard_display_tutorial.zip adding_tuners.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Panel tip</b>	Aircraft tweaks	Process to arrange position of pop-up cockpit panels by editing panel.cfg							1
<b>Pardon My Smoke</b>	FS performance	A way of increasing the touchdown smoke puffs for some aircraft by editing the aircraft.cfg.							4
<b>Pass the Potatoes, Please</b>	Scenery	Scenery of the Boise Airport, serving the capital city of Ohio.		boi2005.zip	Gary Widup	United States	Idaho	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>Pass the Potatoes, Please</b>	Scenery	Website of scenery designer Gary Widup, with downloads of sceneries for various recent versions of FS available.				United States		<a href="http://www.avsim.com/hangar/utilis/gwidup/">http://www.avsim.com/hangar/utilis/gwidup/</a>	19
<b>Pass the Potatoes, Please</b>	Website	Background information about the real-world Boise, Idaho airport.						<a href="http://www.cityofboise.org/transportation/airport/">http://www.cityofboise.org/transportation/airport/</a>	19
<b>Patience Pays Off</b>	Scenery	Detailed remake of Furnace Creek in Death Valley, CA		furnckv6.zip	Ron Ezra	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24

<b>Peace in the Family</b>	Humour	How to create your own WAV file for Windows startup (or other use) to either mollify or drive off Important Others when you want to use FS.							21
<b>Perseverance</b>	Panels and guages	Utility to edit the glow properties of aircraft panel guages. Also link to support site at <a href="http://benchmark.jconserv.net/index.php">http://benchmark.jconserv.net/index.php</a>	Guage Glow	gaugeglow-v2.0.zip	Patrick Waugh			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Perseverance</b>	Aircraft tweaks	Tutorial on editing properties of aircraft panel guages.		cockpit_lighting.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Personal "Wish List"</b>	Editorial	Author's comment on the lack of an aircraft towing an advertising banner in FS.							7
<b>Peek-A-Boo</b>	Humour	Image of African scenery?							21
<b>Pet Peeves</b>	Editorial	A request to designers to include contact details with uploads.							4
<b>Phonetic Alphabet</b>	Attachment	Graphic list of phonetic alphabet, as used in radio communication. Separate attachment in T&T 8 package.							8

<b>Planning a Trip?</b>	Utility	A simple fuel calculation utility with data on the default FS aircraft and the ability to add others, requiring input of flight distance plus a factor for "excess distance".		fcv1bd05.zip	Bracken Dawson			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Planning a Trip?</b>	Utility	Fuel calculation utility specifically for the Boeing 737, which also loads the calculated fuel amount.		b737fpl14_instal.zip	Milan Puta			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Power Users Tip</b>	FS performance	Link to forum item on how to edit FS9.cfg, especially terrain vertex level.						<a href="http://forums.avsim.net/dcboard.php?az=show_m">http://forums.avsim.net/dcboard.php?az=show_m</a>	4
<b>Practice, Practice, Practice</b>	Aircraft	Preset flights package to practice landings in a Boeing 737, 747 or 777.		presetlandings.zip	Stavros Kokkinos			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>Practice, Practice, Practice</b>	FS performance	How to preview a saved flight by opening and viewing the "flight" file.							16
<b>Practice, Practice, Practice</b>	Scenery	Adding an ILS to an airport which has no pre-existing ILS.							16
<b>Problems stopping large jets after landing</b>	Utility	Utility to enable editing .air files, including thrust reversal.		aired.zip				<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1
<b>Prolific Is Putting It Mildly</b>	Background	Profile of FS2004 scenery and aircraft designer John B. Loney Jr. and link to his website.			John B. Loney Jr.			<a href="http://www.lfssd.net/">http://www.lfssd.net/</a>	24

<b>Prolific Is Putting It Mildly</b>	Scenery	Scenery package of three fields around Spokane, WA; Spokane International Airport (KGEG), Fairchild Air Force Base (KSKA) and Felts Field, (KSFF)		spokane4.zip	John B. Loney Jr.	United States	Washington	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24
<b>Push Back In Style!</b>	Aircraft	Project Opensky (POSKY) Boeing 737-700, with particular note of the animated pushback tractor and accompanying operator walking alongside the aircraft.			Project Opensky	Boeing	737-700	<a href="http://www.projectopensky.com/downloads-index.php">http://www.projectopensky.com/downloads-index.php</a>	22
<b>Pushback - Taxi Speed Guage</b>	Aircraft tweaks	Guage with taxi and pushback as well as other functions.		rcbgh-32.zip	Rob Barendregt			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Putting On The Brakes</b>	Aircraft tweaks	Editing aircraft.cfg to increase brake effectiveness.							12
<b>Quit Pushing!</b>	Aircraft	Use of Shift+P to simulate aircraft pushback, how to stop or steer pushback.							21
<b>Radio Controlled Aircraft</b>	FS performance	Tutorial on flying FS aircraft as if they were radio controlled models, from tower view.		rcsimul.zip	Slim Tanner			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	24
<b>Raising the Bar – Again!</b>	Aircraft	Cirrus light GA aircraft, which includes the airframe parachute system present on the real aircraft.		cirrus2six.zip	Wolfram Beckert, Guenter Kraemer, Thomas	Cirrus	Cirrus	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14

<b>Raising the Bar – Again!</b>	Aircraft	One of the classic aircraft packages released by Bill and Lynn Lyons, includes several versions of the Travel Air biplane as well as scenery features including animated steam trains.		cc10taf.zip	Bill and Lynn Lyons	Travel Air		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>Randolph Air Force Base</b>	Scenery	Detailed scenery of the historic Randolph Air Force Base (KRND) near San Antonio, Texas. Includes military AI traffic.		rafb2006.zip	James Shaddox	United States	Texas	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Realism 101</b>	Real world aviation	Cigarette lighters cannot be carried on airliners...							9
<b>Reading Material</b>	Editorial	Recommendation for Flightsim.com's op-ed pages for ideas and viewpoints on a wide range of FS-related topics.						<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	20
<b>Reality check</b>	Humour	A short series of questions for those who remember when modern phrases meant something quite different.							10
<b>Recommended But Not Tested</b>	AI traffic	Traffic Changer tool is ideal for managing fleets of AI aircraft or for users wanting to easily change AI traffic at a single airport.	Traffic Changer	tc622a.zip	Jeff Bobicki			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24

<b>Recommended But Not Tested</b>	Utility	A program which allows you to manage virtually all audio aspects of the FS2004 environment.	Enviro! 3.2		Busi Cat Designs			<a href="http://www.avsim.com/hangar/utilis/enviro/">http://www.avsim.com/hangar/utilis/enviro/</a>	24
<b>Rock and Roll</b>	Scenery	A scenery of Ayers Rock, or Uluru, in the Northern Territory of Australia.		ayers_rock.zip	Mat Dalton	Australia	Northern Territory	<a href="http://www.ausim.com.au/">http://www.ausim.com.au/</a>	21
<b>Rock and Roll</b>	Background	Several links to websites about the geology, aboriginal history and heritage status of Ayers Rock / Uluru, Australia.				Australia	Northern Territory	<a href="http://www.ausim.com.au/">http://www.ausim.com.au/</a>	21
<b>Rush Hour</b>	Scenery	Alternate night textures for FS roads.	Night Roads	night_roads_v1.0	Joni Koljonen			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>Sailplane lover?</b>	Aircraft	Link to site for FS sailplanes						<a href="http://www.fsglider.de/frset_e.htm">http://www.fsglider.de/frset_e.htm</a>	2
<b>Save the Trees and Money!</b>	Utility	Shareware printing utility to allow options of printing two reduced pages on a single sheet, double sided printing, printing without graphics etc.	FinePrint	fp545.exe				<a href="http://www.fineprint.com/">http://www.fineprint.com/</a>	16
<b>SCAM ALERT !!</b>	Security	Warning of a variation on the common fraudulent email scams which ask the recipient to update their credit card data.							17
<b>Scenery</b>	Scenery	Maximum capacity for number of sceneries in FS2002 and FS2004.							1

<b>Seeing Double?</b>	Panels and gauges	A dual panel for the default Beech King Air allowing movement between the pilot and copilot positions at the flick of a switch.		beech_king_air_dual_panel_update.zip	Rick Milne			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Seeing Is Believing</b>	Scenery	Package to replace default taxi markings with black-edged versions now common.		taximarks.zip	Kars Veling			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Silver Wings</b>	Scenery	A set of attractive replacement scenery textures, especially designed for those who like to fly "low and slow". Includes also a set of seven weather themes.		slvrwngs.zip	Lynn and Bill Lyons			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>Simply Elegant!</b>	Aircraft	Eastern Airlines Boeing 727-200 package including 14 paints in two versions.		eastern_727-200_package.zip	Peter Liddell, Gaby Carlson, Erick Cantu	Boeing	727	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Sit Back and Relax!</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	7
<b>Sleep Tight</b>	Scenery	Scenery placing landable National Security patrol boats near nine U.S. ports.		nscutte2.zip	Brian Smith	United States		<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	21

<b>Slew Command Chart</b>	FS performance	A chart of keyboard commands for use when slewing (manually shifting) an aircraft in FS.							7
<b>SLEW Down!</b>	FS performance	How to vary the slew speed of aircraft in FS9.							15
<b>Slow Down and Smell the Roses!</b>	FS performance	Using keyboard controls to speed up or slow down simulation rates.							5
<b>Smokejumpers</b>	Aircraft tweaks	Add parachutists to aircraft, operable using the smoke key. Also suggests <a href="#">how to find other similar</a>		smkjmp2.zip	Heather Sherman			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Sneak Preview - And It's a Double Feature!</b>	Scenery	Description and link to preview videos of FREEflow Florida scenery.			FREEflow Team - Bob Brown, Scott Gridley and Joe Watson	United States	Florida	<a href="http://www.dartmouth.edu/~gridlock/free_flow_florida.wmv">http://www.dartmouth.edu/~gridlock/free_flow_florida.wmv</a>	10
<b>Snoop around!</b>	FS performance	Reference to the News screen in FS as a lead to various development tools to enhance system.							2
<b>Snooty Aircraft</b>	Aircraft	Various ways to correct an unduly nose-up attitude in an aircraft.							6
<b>Snow Bird?</b>	Scenery	Key West KEYW Airport, Florida, specifically for FreeFlow Florida scenery.		fffl_eyw.zip	JC McCormick	United States	Florida	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17

<b>Socata at a Brewery?</b>	Scenery	Project under way to recreate FS scenery of SAC's Turner AFB, Albany GA. in the 1960s.			Jim Kinter Sr.	United States	Georgia		20
<b>Socata at a Brewery?</b>	Website	Link to website - Aerial Survey & Photo Mapping History - USAAF/USAF – 1945 - 1973						<a href="http://www.1370th.com/">http://www.1370th.com/</a>	20
<b>Some Thoughts Regarding a Clean Re-Install of FS2004</b>	FS performance	Some hints when reinstalling FS2004 from scratch, based on the author's experience, including creation of a log of all installed extras.							14
<b>Soo Sault Marie Locks - Scenery</b>	Scenery	Soo Locks scenery, between Michigan and Ontario, including the locks, rail bridges and other features. Available from AVSIM or the author's own site.		sault_saint_marie.zip	Jim Bosworth, Al Heline	Canada United States	Ontario Michigan	<a href="http://www.bozair.com/">http://www.bozair.com/</a>	14
<b>Sound Stuttering?</b>	Systems	Using DXDIAG to reset Sound Acceleration on your PC to improve Sound performance.						<a href="http://downloads.guru3d.com/download.php?det=951">http://downloads.guru3d.com/download.php?det=951</a>	11
<b>South of the Border</b>	Scenery	Sceneries for Panama - terrain mesh and the Panama Canal.		panama-mesh.zip panamacanal.zip	Jozef Kusters Winfried Orthmann	Panama	Panama Canal	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4
<b>South of the Border</b>	Scenery	Airport scenery for Tocumen International Airport MPTO, Panama.		mpto_40.zip	Andres Valenzuela O	Panama	Tocumen International Airport	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	4

<b>Speaking of gauges</b>	Utility	Adds panel icon to bring up small chase view window.		chase_view.zip	Barry Blaisdell			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	2
<b>Speaking of Maps!</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	6
<b>Speaking of Maps!</b>	Utility	Sectional maps for FS Moving Maps		us_sectionals_pack2.zip and others	Matt Fox			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	6
<b>Speaking of On-Going Projects</b>	Scenery	Work in progress of scenery for Spokane, Wash. Available AVSIM and several packages at Flightsim.com		Looff.zip	Lou Frost	United States	Washington	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	8
<b>Speaking of On-Going Projects</b>	Scenery	FSGenesis West Coast package scenery mesh. Large download.		fsgwst38.zip		United States		<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	8
<b>Speaking of Videos</b>	FS performance	Using the flight video option in FS2004, including changing views during video playback and taking							17
<b>Special Announcement!</b>	Editorial	Notice that Com-central.net will carry all editions of Tips & Tricks, and a combined index. Com-Central is a growing, well respected gathering place which provides online gaming and resources for simmers.						<a href="http://www.com-central.net">www.com-central.net</a>	21

<b>Special Announcement!</b>	Scenery	Enhancement of the Tipella, British Columbia, Canada airport (CBB7) which is located at the Northern tip of Harrison Lake. Includes humorous and interesting surprises.	Com-Central Wilderness Camp		Doug Kibbey	Canada	British Columbia	<a href="http://www.com-central.net">www.com-central.net</a>	21
<b>Specialized Aircraft</b>	Aircraft	As a change from other types, try the Air Tractor AT-802 crop duster.		at-802a_duster.zip	Brian Gladden	Air Tractor	802	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	7
<b>Star Gazers Update</b>	Utility	Utility to load all stars visible for the naked eye, with ability to display various densities in the night sky.	Real Stars v1.1	rlstar04.zip	Norbert Pachner			<a href="http://www.download.com/Flight-Simulator-2004-A-Century-of-Flight-Real-Stars">http://www.download.com/Flight-Simulator-2004-A-Century-of-Flight-Real-Stars</a>	14
<b>Startup Smoke Enhancement</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>Stay In Control!</b>	FS performance	Action to remedy accidental loss of joystick control from hitting Control K.							15
<b>Steering on Water</b>	Aircraft	How to steer amphibians and floatplanes on water in FS.							8
<b>Step Back in History</b>	Aircraft	1900's Antoinette VII monoplane.		antoinette.zip	Joe Binka	Antoinette	Type VII	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4

<b>Step Back In Time</b>	Website	Notice of release of "Golden Wings 3", which converts standard FS2004 to a 1920s - 1930s version.			Golden Wings team			<a href="http://windrfters.com/">http://windrfters.com/</a>	14
<b>Step Saver</b>	Scenery	Shortcut to disabling (rather than deleting) an installed scenery. Brief summary of how FS indexes sceneries.							11
<b>Still bored?</b>	Website	Link to Workman Publishing website, with instructions on building and flying a paper plane.						<a href="http://www.workman.com/fliersclub/">http://www.workman.com/fliersclub/</a>	13
<b>Summer Vacation Plans?</b>	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		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9
<b>Super Bowl Champs</b>	Scenery	Scenery enhancement of Pittsburgh city, including Heinz Field Stadium.		pburgh06.zip and pburghv2.zip	Camilo Forero	United States	Pennsylvania		20
<b>Surf the Web While You Fly?</b>	Utility	Accessing the web either by configuring the FS9 News option or by using an addon program.		fsbrowser10.zip	HiFi Simulation Software			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>T and T Info</b>	Attachment	Where to find previous issues of T&T	Began to be included from T&T 4 onwards.						4

<b>Take a Brake</b>	FS performance	Replacement for the FS2004 default language.dll file to abbreviate the default brake messages which may otherwise be intrusive.		braketext.zip	Brent Hricziscse			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Take a Brake</b>	Panels and guages	Parking brake toggle switch guage, in two colours and with indicator light, to add to aircraft panels.		pkbrk1.zip	Glenn Copeland			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Teamwork</b>	Scenery	Hartford-Brainard Airport in Hartford, Connecticut – KHFD. This includes a new AFCAD, taxiway signs for non-towered airports, RWY12/scenery enhancement, and GA AI traffic for the airport.		project_upgrade_khfd.zip	David Strate, Jason Miller, Dan Webb and Matt Patenaude / Project Upgrade	United States	Connecticut	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Teamwork</b>	Scenery	KWST - Westerly State Airport, Rhode Island and KUUU - Newport State Airport, Rhode Island			David Strate, Jason Miller, Dan Webb and Matt Patenaude /	United States	Rhode Island	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>Tennis Anyone?</b>	Scenery	Detailed scenery of the Jandakot YPJT general aviation airfield outside Perth, Western Australia.		YPJT2004.zip	Westsim Design Group	Australia	Western Australia	<a href="http://www.westsim.com.au/Pages/Freeware/YPJT/FREEWARE-">http://www.westsim.com.au/Pages/Freeware/YPJT/FREEWARE-</a>	21
<b>Test Your Knowledge</b>	Background	Short question for after dinner quiz games!							6
<b>Test Your Knowledge!</b>	Background	Quiz question - who flew first?							12

<b>Test Your Perception</b>	Background	Visual test for potential FedEx employees.								11
<b>That's a "No-No"</b>	Scenery	Advice to correctly activate scenery via the FS menu and not by pasting text into scenery.cfg								21
<b>The Difficult We Do Now – the Impossible Takes a Bit Longer!</b>	AI traffic	Enables AI gliders in FS9, and includes an AI sailplane, an example AI field, and instructions to set up AI glider flights at locations of your choice.	AI Gliders	ai_gliders_for_fs2004.zip	Bert de Bruin			<a href="http://www.avsim.com/">http://www.avsim.com/</a>		13
<b>The Difficult We Do Now – the Impossible Takes a Bit Longer!</b>	Aircraft	Slingsby T21 glider, popular as a trainer; numerous repaints are available.	Slingsby T.21b (TX1 Sedberg) "Barge" Training Glider	t21b.zip	Rick Piper, Saverio Maurri	Slingsby	T21b	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		13
<b>The Doctor Is In</b>	Utility	Diagnostic tool to track and display everything your Windows system is doing; useful for showing what files FS tracks when loading, how long it takes and whether the file is found or lost. Useful aid to optimising FS performance.	Filemon					<a href="http://www.sysinternals.com/Utilities/Filemon.html">http://www.sysinternals.com/Utilities/Filemon.html</a>		19
<b>The End of an Era</b>	Aircraft	Boeing 717 for AI, the last model produced by AI Aardvark before closure.		aia_b717.zip	AI Aardvark	Boeing	717	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		22

<b>The End of an Era</b>	Background	Closure of AI Aardvark, established supplier of freeware AI airliners for some time.							22
<b>The Fleet Is In Town!</b>	Scenery	VFR scenery for San Diego, Cal., especially the harbour. Includes shipping.		sandiego_philcrowther123.zip	Phil Crowther	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>The Land of VOZ</b>	Scenery	The Vista Australis project to develop accurate landscapes for all of Australia in FS9. Freeware download at AVSIM.	Vista Australis	voz099.zip	VOZ Project Team	Australia		<a href="http://vistaoz.org/">http://vistaoz.org/</a>	19
<b>The Next Version of FS</b>	Website	Link to Flightsim.com editorial report on the next version of MS Flight Simulator, now referred to as FSX (FS10).						<a href="http://www.flightsim.com/cgi/kds?\$_=main/notams06/fsx0104.htm">http://www.flightsim.com/cgi/kds?\$_=main/notams06/fsx0104.htm</a>	19
<b>The Simulation Resources Database</b>	Website	Link to part of the AVSIM website, with a collection of links to aviation and flight simulator related resources.						<a href="http://www.avsim.com/dcd/">http://www.avsim.com/dcd/</a>	14
<b>Things That Go "Bump" In The Night!</b>	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.			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3

<b>Thinking of Upgrading your Video Card?</b>	Systems	Link to site with information related to video card upgrades; summary of factors to consider when upgrading.						<a href="http://graphics.to/mshardware.com/graphic/20041123/sli-performance-21.html">http://graphics.to/mshardware.com/graphic/20041123/sli-performance-21.html</a>	14
<b>This and That</b>	Editorial	Miscellaneous brief requests, information and advice.							23
<b>This is Freeware?</b>	Aircraft	Work by Arjan Scheffel on the Eric Cantu 737-800W reviewed favourably at Flightsim.com. Includes link for download, which has superb modifications and fills a nich between default jetliners and more demanding payware packages.		as738.zip	Eric Cantu, Arjan Scheffel	Boeing	737	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	23
<b>Three Basic Flying Rules</b>	Humour	Some essential rules to help you keep flying.							14
<b>Time to Rebuild?</b>	FS performance	Forcing an automatic rebuild of your FS9.cfg file by removing (and backing up) the original.							13
<b>TIPS &amp; TRICKS No.01</b>	Tips & Tricks issue	Published Dec. 2004		tips_and_tricks.zip (AVSIM) tipstrik.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	1

<b>TIPS &amp; TRICKS No.02</b>	Tips & Tricks issue	Published Jan. 2005		tips_and_tricks_ii.zip (AVSIM) tpstrkii.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	2
<b>TIPS &amp; TRICKS No.03</b>	Tips & Tricks issue	Published Jan. 2005		tips_and_tricks_iii.zip (AVSIM) tpstriii.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>TIPS &amp; TRICKS No.04</b>	Tips & Tricks issue	Published Feb. 2005		tips_and_tricks_iiii.zip (AVSIM) tpstriv.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4
<b>TIPS &amp; TRICKS No.05</b>	Tips & Tricks issue	Published Mar. 2005		tips_and_tricks_iiii.zip (AVSIM) tpstr_v.zip	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	5
<b>TIPS &amp; TRICKS No.06</b>	Tips & Tricks issue	Published Mar. 2005		tips_and_tricks_6.zip (AVSIM) tpstr_vi.zip v	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	6
<b>TIPS &amp; TRICKS No.07</b>	Tips & Tricks issue	Published Apr. 2005		tips_and_tricks_7.zip (AVSIM) tpstr_7.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	7
<b>TIPS &amp; TRICKS No.08</b>	Tips & Tricks issue	Published Apr. 2005		tips_and_tricks_8.zip (AVSIM) tpstr_8.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	8
<b>TIPS &amp; TRICKS No.09</b>	Tips & Tricks issue	Published May. 2005		tips_and_tricks_9.zip (AVSIM) tandt9.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9

<b>TIPS &amp; TRICKS No.10</b>	Tips & Tricks issue	Published May. 2005		tips_and_tricks_10.zip (AVSIM) tandt10.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	10
<b>TIPS &amp; TRICKS No.11</b>	Tips & Tricks issue	Published May. 2005		tips_and_tricks_11.zip (AVSIM) tandt11.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>TIPS &amp; TRICKS No.12</b>	Tips & Tricks issue	Published June. 2005		tips_and_tricks_12.zip (AVSIM) tandt12.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	12
<b>TIPS &amp; TRICKS No.13</b>	Tips & Tricks issue	Published Aug. 2005		tips_and_tricks_13.zip (AVSIM) tandt13.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>TIPS &amp; TRICKS No.14</b>	Tips & Tricks issue	Published Sep. 2005		tips_and_tricks_14.zip (AVSIM) tandt14.zip (Flightsim.com)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	14
<b>TIPS &amp; TRICKS No.15</b>	Tips & Tricks issue	Published Oct. 2005		tips_and_tricks_15.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15

<b>TIPS &amp; TRICKS No.16</b>	Tips & Tricks issue	Published Nov. 2005		tips_and_tricks_16.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	16
<b>TIPS &amp; TRICKS No.17</b>	Tips & Tricks issue	Published Dec. 2005		tips_and_tricks_17.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	17
<b>TIPS &amp; TRICKS No.18</b>	Tips & Tricks issue	Published Jan. 2006		tips_and_tricks_18.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>TIPS &amp; TRICKS No.19</b>	Tips & Tricks issue	Published Feb. 2006		tips_and_tricks_19.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	19
<b>TIPS &amp; TRICKS No.20</b>	Tips & Tricks issue	Published Feb. 2006		tips_and_tricks_20.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	20
<b>TIPS &amp; TRICKS No.21</b>	Tips & Tricks issue	Published March 2006		tips_and_tricks_21.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>TIPS &amp; TRICKS No.22</b>	Tips & Tricks issue	Published April 2006		tips_and_tricks_22.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>TIPS &amp; TRICKS No.23</b>	Tips & Tricks issue	Published Sept. 2006		tips_and_tricks_23.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>TIPS &amp; TRICKS No.24</b>	Tips & Tricks issue	Published Nov. 2006		tips_and_tricks_24.zip (AVSIM)	David "Opa" Marshall			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24
<b>Tired of Commuting by Car?</b>	Aircraft	A flyable jetpack with pilot, good for touring detailed scenery.		JetPack.zip	Kevin Bryan / Unreal Aviation			<a href="http://69.44.154.34/cgi-bin/ifolio/imageFolio.cgi?action=v">http://69.44.154.34/cgi-bin/ifolio/imageFolio.cgi?action=v</a>	12

<b>To-Do List</b>	FS performance	Possibility that some unexplained FS problems and crashes may relate to saved flight. Advice to regularly test saved flights.							20
<b>Tools of the Trade</b>	Utility	A tool to view, modify, add, rename and delete resources in Win32 executables and resource files; useful for exploring and altering files such as gauges, exe and dll files and much more.	Resource Hacker		Angus Johnson			<a href="http://www.angusj.com/resourcehacker/">http://www.angusj.com/resourcehacker/</a>	17
<b>Tools of the Trade</b>	Utility	Extracts bitmaps from gauge files and reinserts them after repainting. It requires Visual Basic 5.0 drivers (SP3 version) available from Microsoft's website.	GAU to BMP	gaubmp2.zip	Chuck Dome			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>Too many aircraft?</b>	AI traffic	Program to hide AI aircraft on the FS aircraft selection menu.		bbqhideai.zip	Alan W L Chan			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	4
<b>Too Many Gauges?</b>	FS performance	How to avoid accumulating unnecessary gauges used by deleted aircraft.							15
<b>Too Much Power?</b>	Aircraft	Executive jet which requires startup procedures to be followed but flies and lands well.		spn.zip	Andreas Koerner	GROB	G180 / SPn Utility Jet	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24

<b>Too Much Power?</b>	Aircraft tweaks	Installation of pop-up window with startup instructions for Grob SPn; window is an attachment included with T&T 24.				GROB	G180 / SPn Utility Jet		24
<b>Toot my own horn time</b>	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	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Tooting My Own Horn</b>		A fictitious campground on Lake Texoma on the Texas Oklahoma border. Created with the EZ and RWY12 and packed with eye candy and including AI Helicopter rides, an AI Windsurfer and AI boats on the lake plus fireworks on the 4th of July.	Opa's Campground	opas_campground.zip at AVSIM; opacgrnd.zip at Flightsim.com	David "Opa" Marshall	United States	Texas - Oklahoma	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	24
<b>Toooo Large?</b>	Website	Link to a site which allows the uploading of files too large to email, for others to download within a seven-day limit.			YouSendIt			<a href="http://s52.yousendit.com/howdoesitwork.aspx">http://s52.yousendit.com/howdoesitwork.aspx</a>	18
<b>Touring with John</b>	Scenery	Scenery package for the California Central Coast, including numerous VFR objects.		cccoastf.zip	Al Wheeler	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>Touring with John</b>	Scenery	Scenery package providing lighthouses down the Californian coast.		ca_lighthouse.zip	Larry Silsbee	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15

<b>To Save or Not to Save – That is the question</b>	Utility	Free screensaver consisting of unique views from aircraft in flight.	Holding Pattern	holdingpattern.zip	Cathy Davis			<a href="http://idle-time.org/download.html">http://idle-time.org/download.html</a>	21
<b>To Save or Not to Save – That is the question</b>	FS performance	Using FS as a quasi screensaver.							21
<b>To Save or Not to Save – That is the question</b>	Scenery	Textures for all planets in the solar system (except Earth), as well as the four largest moons of Jupiter:		planetarytextures.zip	Scott Armstrong	Planetary textures		<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>Tour de France</b>	Scenery	Airport scenery for Le Versoud airpark (LFLG) 10 Km ENE of Grenoble, France.		lflg_leversoud_v1.zip	Jean Ambros	France	Grenoble	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	23
<b>Tour de France</b>	Scenery	Small scenery mesh to complement sceneries in southern France.		AltiRelief.zip				<a href="http://www.vf-air.com/AltiRelief.zip">http://www.vf-air.com/AltiRelief.zip</a>	23
<b>Tour de France</b>	Scenery	The huge Viaduc de Millau bridge, in the Massif Central range, Languedoc, France, part of a road system linking Paris with Barcelona, Spain.		vdmillau.zip		France	Languedoc	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	23
<b>Touring with John</b>	Website	Link to small website illustrating some tours in FS9, with information about suitable downloads.						<a href="http://users.chariot.net.au/~theburfs/INDEX.html">http://users.chariot.net.au/~theburfs/INDEX.html</a>	15

<b>Tracking your Upload</b>	Design	How to track downloads etc. for your own uploads to FS websites.								3
<b>Traffic Help</b>	AI traffic	Two-part help in using Lee Swordy's <i>Traffic Tools</i> .	TTools Companion	ttcomp20.zip ttcomp21.zip	Bill Schroeder			<a href="http://www.avsim.com/">http://www.avsim.com/</a>		5
<b>Training Wheels?</b>	Aircraft	Czech Aero L-29 Delfin jet trainer, a friendly FS model on which to become familiar with military jets.		l-29_dfn.zip and l29_updt.zip	Tim Conrad	Czech Aero	L-29 Delfin	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		17
<b>Truth is Stranger Than Fiction</b>	Scenery	Scenery and a little history of Pancho Barnes' Happy Bottom Riding Club, near Edwards AFB, CA, a part of aviation history. Also hints on tweaking AI traffic which flies in and out of its airstrip.		panchofs9.zip	Nigel Mason	United States	California	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		22
<b>Try A Real Life Scenario</b>	Aircraft	AirTractor AT-802 fire bomber aircraft.		at-802a_fire.zip	Brian Gladden	Air Tractor	802	<a href="http://www.avsim.com/">http://www.avsim.com/</a>		11
<b>Try A Real Life Scenario</b>	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		<a href="http://www.avsim.com/">http://www.avsim.com/</a>		11
<b>Turn 4 into 1</b>	FS performance	How to combine the four FS CDs onto one DVD.								21

<b>Turn 4 into 1</b>	Utility	Location of printable FS instruction manual on the first of the four FS CDs.							21
<b>Tweak It</b>	Website	Website which provides, among other things, help in tweaking ATI and NVIDIA graphic cards to optimise performance for FS, and for various computer games.					<a href="http://www.tweakguides.com/">http://www.tweakguides.com/</a>		22
<b>Tweak, Tweak, Tweak</b>	Utility	Enables editing of many FS9 cfg files.	FS9 Configurator	fs9cfg15.zip	Ken Salter		<a href="http://www.avsim.com/">http://www.avsim.com/</a>		8
<b>Twenty Lashes With a Wet Flight Plan!</b>	FS performance	Amendment to T&T 3 item - Bypass the Startup Screen	Original article - T&T 3 - "Bypass the Startup Screen"						4
<b>Two Tips I Hope You Will Never Need To Use</b>	FS performance	Crashes when opening keyboard possibly attributable to background applications, RoboForm and WindowBlinds. How to trace cause of some other crashes.							12
<b>Two Great Tips</b>	FS performance	How to assign a key to the map display function in FS9.							17
<b>Two Great Tips</b>	FS performance	Editing load distributions in aircraft.							17

<b>Two Interesting Tips</b>	Aircraft tweaks	How to remove contact sparks, incorrect tire marks and other unwanted landing effects from an aircraft.							18
<b>Two Interesting Tips</b>	Aircraft tweaks	How to edit an aircraft's fuel consumption.							18
<b>Two Tips I Hope You Will Never Need To Use</b>	FS performance	Loss of some sounds but not others traceable to corrupted Windows CODECs.							12
<b>Ugly Ducklings?</b>	Aircraft	An interesting French prop transport with gmax features and animations.			Barney Bigard and Christian Daboudet	Breguet	763 Provence	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Ugly Ducklings?</b>	Panels and guages	Panel for the Bigard and Daboudet Breguet 763, and a small fix file.		b2p_2.zip and fix.zip	Peter Mercy	Breguet	763 Provence	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Ugly Ducklings?</b>	Aircraft	The PZL 140, a light utility aircraft fitted for floats, amphibian, normal and tundra tires.		wicked_wilga.zip	Joe Binka and Bruce Thorson	PZL	Model 140 Wilga	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	18
<b>Unforgiving</b>	Aircraft	A challenging flyable version of the Bell-Boeing V22 Osprey tilt-rotor transport aircraft.		rcbhcf10.zip	Rob Barendregt	Bell-Boeing	V22 Osprey	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	18
<b>Unforgiving</b>	Website	Link to a website about the Bell-Boeing V22-Osprey .				Bell-Boeing	V22 Osprey	<a href="http://pma275.navy.mil/vair.navy.mil/">http://pma275.navy.mil/vair.navy.mil/</a>	18

<b>Unique aircraft</b>	Aircraft	Sikorsky S-38 classic amphibian download.		s38nwa4.zip	George Diemer	Sikorsky	S-38	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	2
<b>Unique aircraft</b>	Surface vehicle	Pilotable sailing ship, the British clipper Cutty Sark.		stcs.zip	Shigeru Tanaka	Cutty Sark	Cutty Sark	<a href="http://www.flightsimnetwork.com/shigeru">www.flightsimnetwork.com/shigeru</a>	2
<b>Unleash your Creativity</b>	Scenery design	Program to simplify creation of "exclude" areas for default scenery objects.		excbuilderv2.zip	Paavo Pihelgas			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Unleash your Creativity</b>	Scenery design	Program to create runway / taxiway signs for airports.		createsign_c.zip	Vladimir Svoboda (Cesmina)			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Unleash your Creativity</b>	Scenery design	Runway 12 object placer to insert default (and other) objects into scenery.	RWY12 Object Placer		Israel Roth and Seev Kahn			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Unusual "Aircraft"</b>	Aircraft	Flyable Space Shuttle.		shuttaj.zip and shuttxaj.zip	Andy Johnston	Space Shuttle		<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	23
<b>Unusual "Aircraft"</b>	Surface vehicle	Driveable WW2 Chevrolet 1533X2 patrol truck as operated by the Long Range Desert Group. Also a second file with FDE improved for stability and braking.		lrdg1533.zip and lr1533fe.zip	Tim "Piglet" Conrad; Charles Backus	Chevrolet	1533X2 LRDG Patrol Truck		23
<b>Unusual Animation</b>	Scenery	Animated scenery of parachute jump-training towers at Fort Benning, GA.		ftbenning250.zip	Ron Jeffers	United States	Georgia	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22

<b>Unusual Animation</b>	Scenery	Animated scenery of the fishing boat and attacking shark from the movie "Jaws".		jawz.zip at AVSIM and Flightsim.com	Ron Jeffers	United States	Massachusetts	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Unusual Animation</b>	Attachment	MP3 of "Jaws" movie theme to accompany T&T item about Ron Jeffers' "Jaws" scenery.							22
<b>Unusual Scenery</b>	AI traffic	Projet Airbus Industrie pack - Flightplans for Frank Zimmermann's scenery of Finkenwerder (EDHI) airport, Germany.	Hamburg-Finkenwerder (EDHI)		Frank Zimmermann	Germany	Hamburg	<a href="http://www.fsfrance.com/Projets/PAI/PAI.htm">http://www.fsfrance.com/Projets/PAI/PAI.htm</a>	13
<b>Unusual Scenery</b>	Scenery	Fictional Hanks Outpost updated scenery, on the border of Canada and Alaska.	Hanks Trading Post (Revisited)	hanks_fs9.zip	Michael Carr	United States	Alaska	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>Unusual Scenery</b>	Scenery	AFCAD for Michael Carr's scenery of Hank's Trading Post.	Hank's Trading Post, Taku Lodge, Alaska	Hanks_Trading_Post_AFCAD.zip	David "Opa" Marshall	United States	Alaska	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>Unusual Scenery</b>	Scenery	Finkenwerder (EDHI) airport and assembly plant for Airbus Deutschland, located on the South-west side of Hamburg.	Hamburg-Finkenwerder (EDHI)	edhi_40.zip	Frank Zimmermann	Germany	Hamburg	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>Up, Up and Away</b>	Website	Website allowing online flying (not a virtual airline, but a flying club)			Brett Lee			<a href="http://www.tietonflyingclub.bravehost.com">www.tietonflyingclub.bravehost.com</a>	3
<b>Upgrade?</b>	Utility	Link to the Microsoft FS9.1 upgrade patch.		fs91upd.exe	Microsoft			<a href="http://www.microsoft.com/games/flightsimulator/fs">http://www.microsoft.com/games/flightsimulator/fs</a>	2

<b>Useful or Useless - I am not sure which</b>	FS performance	Key commands to call up a small window and cycle views of various AI aircraft in the vicinity.							8
<b>Vacation Destinations</b>	Scenery	Detailed scenery of the city, bay, landmarks and airports of Rio De Janeiro, Brazil.		rio_de_janeiro_v5_170534.zip	Newton Drumond and Fern Marques	Brazil	Rio de Janeiro	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Vacation Destinations</b>	Scenery	Arturo Merino Benitez Intl Airport (SCEL) Santiago, Chile		scel2005.zip	Andres O. Valenzuela and Franco S. Zunino	Chile	Santiago	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	22
<b>Vacation Destinations</b>	Scenery	Rodelillo Aerodrome (SCRD) near the city of Vina del Mar, Chile.		scrdjv21.zip	Jorge del Villar	Chile	Vina del Mar	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	22
<b>Vacation Destinations</b>	Scenery	Fernandez archipelago, South Pacific off Chile, comprising Robinson Crusoe (Isla Mas Atierra), Alejandro Selkirk (Isla Mas Afuera) and the small Santa Clara island. An AFCAD attachment to help locate the islands is included in T&T22.		fernandez_vfr.zip	Giovanni Miduri	Chile	Fernandez Archipelago	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	22
<b>Vacation Destinations</b>	Scenery	Isle of St. Martin (Z02C) or Isla Garcia Martin, near Buenos Aires and off the coast of Uruguay in the Río de la Plata.		z02c.zip	Adrián Fernández Gómez			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22

<b>Vacation Destinations</b>	Scenery	Ezeiza Airport in Buenos Aires, Argentina.		saez.zip and saez-patch.zip	Joaquin and Miguel Zafrá	Argentina	Buenos Aires	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Vacation Destinations</b>	Scenery	Saba Island, an airport in the Netherlands Antilles with a difficult approach. AFCAD adding an NDB is attached to T&T22.		saba2004.zip	Rainer Labie and Francesco Romeo	Netherlands Antilles	Saba	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Vacation Destinations</b>	Scenery	St. Barts (TFFJ) airport.		st.barths_2004.zip	Francesco Romeo	French Antilles	St. Bathelemy	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Vacation Destinations</b>	Aircraft	A Cessna 210 providing near-STOL performance for limited runways.	Cessna Centurion Turbo-normalized Riley-Rocket Intercooler	c210pt.zip at AVSIM or Flightsim.com and patch, hp210ptc.zip at AVSIM.	Bratt Henderson, Siegfried Schaeffer and Horst Paetzold	Cessna	210	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Vancouver – CYVR – Revisited</b>	Scenery	Version 4.2 of Vancouver CYVR, BC airport, with update to resolve display issues. Hints to further improve frame rates if needed.		cyvr4.2.zip and cyvr42fx.zip	P. Nigel Grant	Canada	British Columbia		17
<b>Vertex? Is That a Disease?</b>	Scenery	Enhancing terrain mesh detail by editing vertex level in FS9.cfg							5
<b>Very Useful Websites</b>	Website	Site to search for virtual airlines world-wide.						<a href="http://207.127.218.107/advsearch.wcgi">http://207.127.218.107/advsearch.wcgi</a>	12
<b>Very Useful Websites</b>	Website	Website to hear live ATC (Air Traffic Control) conversations.						<a href="http://www.liveatc.net/feedindex.php">http://www.liveatc.net/feedindex.php</a>	12

<b>Very Useful Websites</b>	Website	Tutorials from real-world pilot. CD available.			Hal Stoen			<a href="http://www.stoenworks.com/Aviation%20home%20page">http://www.stoenworks.com/Aviation%20home%20page</a>	12
<b>Very Useful Websites</b>	Website	Detailed information about scenery terrain mesh.						<a href="http://www.fs-traveler.com/welcome.shtml">http://www.fs-traveler.com/welcome.shtml</a>	12
<b>Very Useful Websites</b>	Website	Website with links to information on constructing simulator cockpits.						<a href="http://www.fscocpit.com">http://www.fscocpit.com</a>	12
<b>Very Useful Websites</b>	Website	Website with detailed graphical explanations of various aircraft panels.						<a href="http://www.meriwether.com/flightdeck.html">http://www.meriwether.com/flightdeck.html</a>	12
<b>Video Feedback</b>	Systems	Need to update FS9.cfg to recognise newly-installed video card.							15
<b>Video Recommendation</b>	Media	Short video clip of a T-6 flying at tree top altitude near a little valley airport in Oregon.	A Place to Dream Of	t6vid.zip	Klaus Mueller			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>V.I.P. Parking</b>	FS performance	How to add a dedicated, reserved "VIP" park for yourself at an airport.							22
<b>Wake Up the Chickens!</b>	FS performance	Selecting a barnstorming flight from the FS9 default flights menu.							14
<b>Want to Know (and understand) More?</b>	Website	Link to site containing a number of FS-related tutorials.						<a href="http://www.wilsonsairspace.com/tlc.html">http://www.wilsonsairspace.com/tlc.html</a>	11

<b>Want to Make Contact?</b>	Aircraft tweaks	Short summary and link to article about editing contact points in aircraft.cfg files.						<a href="http://www.sim-outhouse.com/index.php?loc=articles&amp;page=cp">http://www.sim-outhouse.com/index.php?loc=articles&amp;page=cp</a>	9
<b>Want To See Better Detail On Your Aircraft?</b>	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
<b>Water, water everywhere!</b>	Scenery	Water texture enhancement.		waterzone.zip	Pete Drazzoff			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	3
<b>Waves Gone Bye-Bye?</b>	Scenery	Where to find the necessary texture and effects files on the FS CDs if shoreline wave effects vanish.							19
<b>Well Packaged</b>	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	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9
<b>What a view!</b>	Aircraft	Blimp panel.		newpanel.zip	Frank J. Petriccione			<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	9
<b>What do I fly?</b>	Aircraft	One of the author's own preferred FS aircraft.	Beechcraft King Air F90-1	ka_f90-1.zip	Henry Tomciewicz, Dee Waldron	Beechcraft	King Air	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	13

<b>What do I fly?</b>	Aircraft	One of the author's own preferred FS aircraft.	Aero Commander 500 Cargo (With VC)	ac500ca1.zip	Milton Shupe, Scott Thomas, André	Rockwell	Aero Commander 500	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>What do I fly?</b>	Aircraft	One of the author's own preferred FS aircraft.	Lockheed 094A Constellation	fsdzl049a_v1.zip	John Howard White and others	Lockheed	Constellation	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>What do I fly?</b>	Aircraft	One of the author's own preferred FS aircraft.	Brunner Winkle Bird	bwbird.zip, bkpilotfx.zip	Golden Age Simulations	Brunner Winkle	Bird	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>What do I fly?</b>	Aircraft	One of the author's own preferred FS aircraft. Includes author's tips to enhance performance.	Beechcraft D18S	d18svc4.zip	Milton Shupe, Scott Thomas, André Folkers	Beechcraft	D18S	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>What do I fly?</b>	Aircraft tweaks	Interior modification to the Shupe / Thomas / Folkers Beechcraft D18S.	D18S virtual cabin and cockpit modifications	d18s_int.zip	Urs "Maloney" Burkhardt	Beechcraft	D18S	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	13
<b>What do I fly?</b>	Author	The author's own preferred FS aircraft.							13
<b>What do I fly?</b>	Website	Support site for the Shupe / Thomas / Folkers Beechcraft D18S.				Beechcraft	D18S	<a href="http://www.flightsimonline.com/d18s/faqs.htm">http://www.flightsimonline.com/d18s/faqs.htm</a>	13
<b>What is it?</b>	Background	Explanation of airfield marking.							13
<b>What is it?</b>	Website	Link to FAA site as a general information source on airport operations.						<a href="http://www.faa.gov/ATpubs/AIM/Chap4/aim0403.html">http://www.faa.gov/ATpubs/AIM/Chap4/aim0403.html</a>	13

<b>What's On the CD's?</b>	FS performance	Quick guide to which of the MSFS CDs contain which files, and an introduction to .cab files.							15
<b>What's That You Say?</b>	Website	Site allowing grammatical translation of selections of text, online and free.						<a href="http://www.freetranslation.com/">http://www.freetranslation.com/</a>	21
<b>What's the Weather Like in _____?</b>	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			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	9
<b>What's a Synchronphaser?</b>	Background	Definition from the FS2004 glossary.							9
<b>What's In A Name?</b>	Scenery	Doherty's Difficult and Dangerous Approaches series of downloads, setting up interesting situations at various world airports.	Difficult and Dangerous Approaches	Several in series, plus packages of various files.	Michael Doherty			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	6
<b>What's In A Name?</b>	Scenery	Separate sceneries for Nantucket, Martha's Vineyard and Hyannis Airports in Massachusetts, by William Shea. KEYWORDS cape cod new england airfield		khya.zip kmvy.zip kack.zip	William Shea	United States	Massachusetts	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	11
<b>What's Wrong Here?</b>	Real world aviation	One of those unique photos of things that can go wrong with aircraft.							19

<b>What's Wrong With This Picture?</b>	FS performance	Symptoms of missing scenery or aircraft textures, and what to do about it.							14
<b>What? Me Make an Error?</b>	Attachment	Small wav file to use for Windows "critical error" sound.							21
<b>When 2 (or 4) Engines are Not Enough</b>	Aircraft	Convair B-36H Peacemaker by Kazunori Ito, a huge multi-engined US bomber conceived in WW2 and produced in the early years of the Cold War..		b36h5718.zip	Kazunori Ito	Convair	B-36	<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	17
<b>When Two Wings are Not Enough</b>	Aircraft	Pfalz Dr1 of Pegasus Aviation Designs, one of three triplane fighters produced in WW1.			Frank Elton / Pegasus Aviation Design	Pfalz	Dr1	<a href="http://www.flightsimnetwork.com/pegav/pages/pfalzdr.shtml">http://www.flightsimnetwork.com/pegav/pages/pfalzdr.shtml</a>	17
<b>Where Are My AI Aircraft?</b>	AI traffic	Troubleshooting when AI traffic does not appear as expected.							9
<b>Where Are My AI Aircraft?</b>	Utility	<b>Brief introduction to Traffic Tools program, for setting up AI traffic.</b>	Traffic Tools		Lee Swordy			All major FS download sites; AVSIM, Simviation,	9
<b>Where is it?</b>	FS performance	Setting up visual approach guide in FS							2
<b>Where Is It?</b>	FS performance	Reference to Excel-format guide to contents of the four FS2004 CDs to help replace lost or damaged files, and hints on how to make the replacements.		fs9cddir.zip	Brian Collins			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	20

<b>Where Is It?</b>	FS performance	Reminder about Brian Collins' Excel-format guide to contents of the four FS2004 CDs.		fs9cddir.zip	Brian Collins			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	21
<b>Where's the Airsick Bag?</b>		A flight plan using the default King air and taking advantage of FS9's dynamic weather. It includes recommendations for enhancements to install for the departure and arrival airports, Atlanta Peachtree Dekalb, GA and McGee Tyson, Knoxville, TN.		kpdk-ktys.zip	Earl Buice			<a href="http://www.avsim.com/">http://www.avsim.com/</a>	22
<b>Where Should I Fly Today?</b>	Website	Site which provides downloadable flight plans from users around the world.						<a href="http://www.fsdestinations.com/">http://www.fsdestinations.com/</a>	9
<b>Whoa, Nelly!</b>	FS performance	How to apply differential braking to taxiing aircraft.							6
<b>Why do I have to open my window shade for takeoff and landing?</b>	Real world aviation	The reason cabin crew ask passengers to ensure window shades are open for takeoff and landing.							20

<b>Wives and FS</b>	Website	Link to AVSIM Discussion Forum thread on frustrating interruptions from Important Others - human or animal - at critical times during your flight sim sessions.						<a href="http://forums.avsim.net/dcboard.php?az=show_topic&amp;forum=120&amp;topic_id=25469">http://forums.avsim.net/dcboard.php?az=show_topic&amp;forum=120&amp;topic_id=25469</a>	21
<b>Yet Another Breakthrough</b>	Aircraft	Detailed model of the Piper Tri-Pacer including a full virtual cockpit and working external hot-spots for pre-flight checks, refuelling and start-up.		cc13p22f.zip	Bill & Lynn Lyons	Piper	PA-22 Tri-Pacer	<a href="http://www.avsim.com/">http://www.avsim.com/</a>	15
<b>You Can Be Different</b>	FS performance	How to substitute your own splash screen to display whilst FS9 is loading.							19
<b>You Have to "Talk the Talk".</b>	FS performance	The phonetic alphabet and numeric pronunciations, as used in ATC and other radio communications. Supported by phonetic							8
<b>You Might Be a Winner!</b>	Background	Voting for designers in the FlightSim.Com monthly competition can win prizes both for you and your nominated author.						<a href="http://www.flightsim.com/cgi/kds/main/menuchoo.htm">http://www.flightsim.com/cgi/kds/main/menuchoo.htm</a>	16
<b>Zip it Up</b>	FS performance	Zipping backed up files or folders to avoid FS reading them.							16

<b>Zoom, Zoom, Zoom</b>	Utility	A utility to allow mouse-controlled zooming and other view movements in spot and other views.	F1View Utility	F1view.zip				<a href="http://www.flight1.com/view.asp?page=library">http://www.flight1.com/view.asp?page=library</a>	8
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