

Fracture Reduction and Deformity Correction Software **www.spatialframe.com**



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TAYLOR SPATIAL FRAME External Fixator Software License

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My User Name: _____

My Password: _____

My Email Address: _____

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Introduction

The Web Based TAYLOR SPATIAL FRAME External Fixator Software is intended to aid the surgeon in his/her use of the TAYLOR SPATIAL FRAME External Fixator product. The TAYLOR SPATIAL FRAME system is used to correct post traumatic or congenital skeletal deformity. There are three possible modes of application: Chronic, Residual, and Total Residual.

In the **Chronic mode**, radiographic measurements are used in conjunction with the computer software to provide 6 strut settings that cause the TAYLOR SPATIAL FRAME to mimic the deformity. The frame is then surgically attached to the patient. The patient then adjusts the struts back to their neutral position based on a prescription for strut adjustment. The software calculates this prescription.

In the **Residual mode**, radiographic measurements are used in conjunction with the computer software to provide 6 strut settings that cause the TAYLOR SPATIAL FRAME to mirror the deformity. This requires that a neutral frame be surgically attached to the patient prior to the strut length calculation. The patient then adjusts the struts from the neutral position to the calculated strut lengths based on a prescription for strut adjustment. The software calculates this prescription.

The **Total Residual mode** is similar to the Residual mode except that an initial neutral frame application is not necessary. This case is termed the "crooked frame on crooked bone." Radiographic measurements and initial strut lengths are used in conjunction with the computer software to calculate final strut lengths. The patient then adjusts the struts from the initial position to the calculated final strut lengths based on a prescription for strut adjustment. When the frame reaches these final strut lengths the deformity is corrected. The software calculates this prescription.

Computer System Requirements

Recommended Browser and Display Settings: In order to accommodate the large quantity of information, the detailed graphical images and the proper sequencing of the correction methods, each screen of the TAYLOR SPATIAL FRAME Web Application has been designed to provide an efficient user interface. To ensure you the best possible experience with this site, we suggest the following display and browser settings.

Display Settings Screen resolution of 1024 x 768 or higher.

Supported Browsers Netscape Navigator/Communicator 4.7 or higher. Microsoft Internet Explorer 5.5 or higher.

Browser Settings Must support 128-bit SSL encryption. JavaScript enabled. Cookies enabled.

Internet Connection A high-speed cable or DSL connection is recommended.

TAYLOR SPATIAL FRAME Image Nomenclature



Login Page

Obtaining a Password

All aspects of the TAYLOR SPATIAL FRAME software are handled electronically from upgrades to requesting and setting up passwords. Passwords are requested by accessing the login page at http://www.spatialframe.com

	Home	Cases	Utilities	Literature	
	NEW! The T	aylor Spatial	Frame Fixator	VERSION 2.1 TM	
	The simple sideformities is Fixator. At the heart created to p the Taylor S algorithm, p this website it right the fi you through SPATIAL NI Version 2.1 changes. Please join I Snowmass, at 901-399-5	solution for treas s finally within of the Taylor S erform the calc patial Frame, a roviding you wi to enable an e rst time! This e every step of t EWS is now availabl us at our next \$ Colorado. For ;202 or e-mail a	ating acute frac your reach. Th Spatial Frame S Julations neede a 6 degrees-of-1 th visual feedb fficient and suc basy to use We the way. e! Click on "Wi Spatial Frame of course informa at bonnie.muse	tures and complex e Taylor Spatial Frame ystem is an algorithm d to accurately manipulate reedom external fixator. This ack, is available to you via ccessful correctionGetting b-based Application guides hat's New" to see the course February 20-22 in tion, please call Bonnie Muse @smithnephew.com	MEDICAL DESIGN EXCELLENCE AWARDS' 2003 WINNER
uest Int	Secure Cus	tomer Login User Name Password Account	Forgot User Nam	Login e or Password? Click <u>here</u> .	-2

The following popup box will appear



You will receive an email at your registered address. The message will contain both your user name and password. At this point, you are ready to login and begin using the TAYLOR SPATIAL FRAME web-based software.



Logging Into the Site

You can access the TAYLOR SPATIAL FRAME software using any computer connected to the Internet from anywhere in the world. Simply type http://www.spatialframe.com into the address window. The address window is located at the top of most Internet web browsers. Then press enter on the computer keyboard. Your user name and password are assigned to you electronically by Smith & Nephew.

SWIZZ MEDICAL	
MEDICAL	
DESIGN EXCELLENCE	
Click on the Name input type your us	User field and er name
Tab to the Pa input field ar your passwo	assword nd type rd.
Enter or click to log in.	Login
	Click on the I Name input type your use Tab to the Pa input field ar your passwo Enter or click to log in.

Forgotten Password

If you forget your password, you can have it restored electronically. The following procedure will result in a new password being sent to you immediately at your registered email address:





Home Tab



Once you have successfully logged into the software, you will see the home page. You now have full access to the software.

Changing Your Password

The first time you log on using your initial password, you will be prompted to create your own unique password. For instructions on additional changes to your account information, please see "Changing the User Profile" on page 30.

Home	Cases	Utilities	Literature	User Profile	Logout H	elp	
hange Pass	word						
or security p assword at a	urposes, we as	ik that you selec future by clicking Enter your e: Confirm	t a new password bef on the "User Profile" kisting password:	ext	he system.	You can change your	 Type your changes in the appropriate input field.
		F43	swords must be at least	ngin characters long.			 Click Next to submit your changes

Site Navigation

Browser Control Bar controls how the page appears on the monitor and the print functions.

The Browser Window

Data Entry Guidelines

All parameters should be entered with both a magnitude and a direction.

Where distance measurements are required, those numbers should be entered in millimeters, not centimeters.

The software will provide a prescription to correct the exact deformity you describe. Therefore, it is important to enter your data as accurately as possible.

All data must be entered sequentially from left to right beginning with the "Case Info" sub tab.

You can advance from field to field within a page by using the tab key.

You can advance from one page to the next by clicking on the sub tab in sequence or by clicking **Next**.

When you run the Total Residual program after a previous correction, update the deformity parameters to reflect the current deformity. Any deformities that were corrected previously should be removed or they will be corrected again.

For frames with U-plates, foot rings or 2/3 rings, always select the appropriate **2/3 Ring/U-plate Orientation.** This will allow a more accurate graphic representation of the frame. This will in no way affect your calculations.

Any changes made to your input are not saved until you actively save them. If you wish to keep the changes, always save your input before logging out of the software.

Screen Updates

Case Tab

Starting a Case

To start a case, click on the **Cases** tab. – You will then see the 10 sub-tabs below the site navigation tabs. When starting a new case, you must input information sequentially into each of the sub tabs working from left to right. Type in the requested information and click on the Next button at the bottom of the screen.

Hon	ne Cases Utilities Literature	User Profile Logout Help
File	Case Info Define Select Mount Deformity Frame Frame	Initial Final Frame Structure Prescription R
	Dationt	
	Case Number: BRU:	7147
	lame: GEA	HTO Surgery 8/12/02
	Patient Initials: GEA	
	Patient Number: 145	7
	Date: 🔛 02/1	17/2004 (mm/dd/yyyy)
-	Anatomy: Rig	ht :
	input field should not include the patient's full harr compliance.) Case Notes	e. The user takes full responsibility for non-
	(N	lext

Case Number is the alpha-numeric code used to match a patient with a particular Spatial Frame Case. This appears at the top of the Prescription and Report pages. Optional	TAYLOR SPATIAL FRAME* Home Cases Utilities Literature User Profile File Case Info Define Select Mount Initial Final Frame	Cogout Help Structure at Risk Prescription Report
Case Name allows you to specify the text that will appear at the top of each page of the record. The case name and case number could be the same or you could specify something different. Optional Patient Initials allows you to enter the initials of the patient. Optional The patient's unique number can be entered in the Patient Number field. This text appears on the Prescription and Report pages. Optional	Patient Case Number: BRU7147 Case Name: CEA HTO Surgery 8/12/02 Patient Initials: CEA Patient Number: 1457 Date: O2/17/2004 (mm/dd/yyyy Anatomy: Right : (Per the Health Insurance Portability and Accountability Act of 1996, the No input field should not include the patient's full name. The user takes full resp compliance.) Case Notes Next	tes field and any other onsibility for non-
	TSF Web Application Version 2.1.0 Taylor Spatial Frame™ property of <u>Smith & Nephew</u> . Application Des	All Rights Reserved. igned and Managed by <u>NetIDEAS, Inc.</u>

Application Designed and Managed by NetIDEAS, Inc.

Home Cases Utilities Litera le Case Info Define Select M Performity Frame F	ture User Profile Logout Help ount Initial Final Frame Structure Prescription Report	appears a It does no Prescripti defaults t
Patient Case Number: Case Name: Patient Initials: Patient Number:	BRU7147 GEA HTO Surgery 8/12/02 GEA	case, the will appea clicking o the appro
(Per the Health Insurance Portability and A input field should not include the patient's fu compliance.)	02/17/2004 (mm/dd/yyyy) Right • countability Act of 1996, the Notes field and any other Il name. The user takes full responsibility for non-	 The Anat selection used for a is critical Required
		 Free text the botto character Optional
	Next	– Click Nex

field indicates the date that t the top of the Report page. t affect the start date for the tarrect the start date for the son. If this is a new case, the date of the current date. If it is a retrieved date the original case was saved r. You can change the date by the calendar icon and selecting grinte date oriate date.

omy drop down menu allows of left or right anatomy. This is Il calculations so proper selection or an accurate outcome.

ntered in **Case Notes** appears at not the Report Page. Limited to 100

to advance to the next screen.

Define Deformity

At the Define Deformity page, you will describe all deformities that exist at the time of frame application. There are six possible planes of deformity, but each patient may not have a deformity in every plane. Only enter values where a deformity exists. For those planes with no deformity, enter nothing. All deformities must be entered with both a magnitude and a direction.

Define Deformity - Example (continued)

The **reference fragment** is the anatomical reference. All deformity measurements are made relative to it. The software assumes that the radiographic images are orthogonal to the reference fragment. The reference fragment can be either proximal or distal. Within the three images presented in the view box, the reference fragment is always blue; the moving fragment is green. The orthopaedic deformity parameters describe the deformity at hand relative to the reference fragment. For example: a 10mm medial translation for a proximal reference fragment means that the distal fragment is 10mm medially translated. However, 10mm medial translation for a distal ring reference means that the proximal fragment is medially translated.

AP View, Proximal Ring Reference, 23Þ Varus, 10mm medial translation

AP View, Distal Ring Reference, 23Þ Varus, 10mm medial translation

Next, define the deformity. The deformity parameters completely describe the position of the moving fragment relative to the reference fragment based on AP, lateral, and axial radiographic projections. There are two parameters for each plane: angulation and translation. To input a deformity parameter, click on the parameter text box and input the magnitude in millimeters of the deformity. Next, select the direction by clicking the appropriate radio button located next to the direction text. It is important to realize that the images presented in the view boxes do not necessarily represent bone structures. Rather, they represent axis and points. Hence it is possible to evaluate the deformity anatomically or mechanically.

Once you have completed the deformity inputs, click **Regenerate Views** and the view box images will update to your latest inputs.

Lateral View Angulation (deg)	10.0	 Magnitude text box. Click inside the box and edit the value. Values must be entered ir millimeters.
Apex Posterior		
Apex Anterior		 Direction selection radio buttons.

Select Frame

TAYLOR SPATIAL FRAME hardware is selected through the Select Frame page. Select the appropriate proximal and distal ring sizes by clicking the down arrow on the drop down box. Next, select the appropriate strut family. If you select Standard Struts or Fast Fx[°] the system will choose an appropriate set of struts for you. This is necessary for the chronic operative mode since, at this stage, the required strut lengths have yet to be determined. If you select Use Selection Below, you must choose a strut for each position.

If Standard Struts or Fast Fx is selected, the software will automatically select struts for you. Click Use Selection Below to select your own struts.

selection grid. You must select **Use Selection** Below to activate. Fast Fx Strut selection grid. You must select Use Selection Below to activate.

Each frame uses six struts. You can use any combination of sizes and strut family (Fast Fx or Standard) on a frame.

Mount Frame

The Mount Frame page allows you to specify the operative mode and how the frame is positioned on the limb.

Home Ca	1505	Utilities	Literature		User Profile	Logout Hel	p	
File Case Info	Define Deformi	ty Select Frame	Mount Frame	Initial Frame	Final Frame	Structure at Risk	Prescription	Report
Operative Mode ?					Case Name: (GEA HTO Su	irgery 8/12/02	
Total Residual C) Chronic	Residual						
Mounting Parameters	5							
AP View Frame Offset (mm) Medial to Origin Lateral to Origin		Lateral View Fran Anterior to Posterior to	ne Offset (mm) Drigin Origin	20.0	Axial Frame Offs Proximal Distal to 0	et (mm) to Origin Drigin		30.0
Right AP Vi	? ew	Righ	nt Lateral Vie	* ?	Rotary Frame Ar	igle (deg) sternally Rotate ternally Rotated	d	?
_		-	Ļ			Right Axi	al View	
Lateral	Medial	Posterior		Anterior	Med	tial	Lateral	
licking on graphic will	enlarge ?		Previous	Regener	rate Views	Next		

Operative Modes

Chronic mode – radiographic measurements are used in conjunction with the computer software to provide six strut settings that cause the Taylor Spatial Frame mechanism to mimic the deformity. The frame is then surgically attached to the patient. The patient then adjusts the struts back to their neutral position based on a prescription for strut adjustment. The software calculates the prescription.

Residual mode – radiographic measurements are used in conjunction with the computer software to provide six strut settings that cause the Taylor Spatial Frame apparatus to mirror the deformity. This requires that a neutral frame be surgically attached to the patient prior to the strut length calculation. The patient then adjusts the struts from the neutral position to the calculated strut lengths based on a prescription for strut adjustment. The software calculates the prescription.

Total Residual mode is similar to the Residual mode except that an initial neutral frame application is not necessary. This case is termed the "crooked frame on crooked bone". Radiographic measurements and initial strut lengths are used in conjunction with the computer software to calculate final strut lengths. The patient then adjusts the struts from the initial position to the calculated final strut lengths based on a prescription for strut adjustment. When the frame reaches these final strut lengths, the deformity is corrected. The software calculates the prescription.

Mount Frame - Example

When you enter your Mounting Parameters, you only have to describe the relationship between the reference ring and the reference fragment. The graphic will reflect this. The software will infer the location of the moving ring.

Select the proper operative mode by clicking on the appropriate radio button. If you select chronic or residual, you must specify either the **Neutral Strut Length** or the **Neutral Frame Height**.

Inputs are summarized at the bottom of the screen.

This is the **Initial Frame** page for the **Total Residual Mode**. The **Initial Frame** page shows the frame position/orientation and deformity on day one of the prescription schedule. Note the input boxes under each strut. Independent strut values must be entered here. These values are read directly from the struts. Once all of the strut lengths are entered, click on **Regenerate Views** to update the view boxes. If the initial frame is not what you anticipated, simply back up to the previous tab and correct your inputs. When the initial frame is correct, click **Next** to proceed to the Final Frame page.

Initial Frame - Chronic Mode

This is the Initial Frame page for the Chronic Mode. The Initial Frame page shows the frame position/orientation and deformity on day one of the prescription schedule. The software calculates initial strut settings based on your deformity, frame, mounting parameters, and neutral frame height/neutral strut Length. If the initial frame is not what you anticipated, simply back up to the previous tab and correct your inputs. When the initial frame is correct, click Next to proceed to the Final Frame page.

Click on any of the view box images to enlarge the view within a separate window.

Initial Frame - Residual Mode

This is the **Initial Frame** page for the **Residual Mode**. The **Initial Frame** page shows the frame position/orientation and deformity on day one of the prescription schedule. In this mode, all the struts are the same length yielding a neutral frame. A neutral frame has no rotation, translation, or angulation. Once all of the strut lengths are entered, click on the **Regenerate Views** button to update the View boxes. If the initial frame is not what you anticipated, simply back up to the previous tab and correct your inputs. When the initial frame is correct, click **Next** to proceed to the Final Frame page.

Final Frame

The **Final Frame** page displays the frame position/orientation and the corrected deformity on the last day of strut adjustment. If you are satisfied you can advance toward the prescription to obtain these final results.

In the Chronic Mode, all final strut settings will be the same on this page according to the selected Neutral Frame Height/Neutral Strut Length.

In the Residual and Total Residual modes, most if not all the struts, will have different values on this screen.

This is an output only screen. The Final Deformity Parameters have all returned to zero since the deformity has been corrected. The Mounting Parameters remain constant.

Home Cas	ses Uti	lities	Literature		User Profile	Logout Help		
lle Case Info	Define Deformity	Select Frame	Mount Frame	Initial Frame	Final Frame	Structure at Risk	Prescription	Report
					C	ase Name: G	EA HTO Surge	ery 8/12/0
AP View SAR Off	set (mm)		30.0	Lateral View	SAR Offset (mm))	45.0	
Medial To C	Drigin			Anter	rior to Origin			
Lateral To 0	Origin			O Poste	erior to Origin			
Axial SAR Offset	(mm)		25.0	Max Safe D	istraction Rate (m	m/day)	3.7	
Proximal to	Origin							
Distal to Or	igin							
Ν	Ainimum Corre	ction Time (days): 10	Calcu	late Minimum Co	orrection Time)	
		Enter	r Correction T	me (days):	10		7	
			Previou	s Next				
	Varian 0.1.0		_	_	_		All Diabte I	Posoniod

Edit text box to override calculated value.

The **Structure at Risk** screen is used to set up the time it will take to correct the deformity. Input the projected offset distance between the origin and the structures at risk and click the **Calculate Minimum Correction Time** button. Or, you can manually override the calculated value by entering a value in **Enter Correction Time** (days). Once the SAR is completed, click Next.

The effect of entering SAR values is the velocity of correction will be reduced. This slows down the rate of correction but does not change the ultimate correction.

You can also reduce the velocity of correction by entering lower values as the Max Safe Distraction Rate.

Structure at Risk – Example

ome Cases <u>Utilities</u>	Literature	User Profile Logout I	Help
e Case Info Define Sel Deformity Fra	ect Mount me Frame	Initial Final Frame Structur	Prescription Report
		Case Name	e: GEA HTO Surgery 8/12/0
AP View SAR Offset (mm)	30.0	Lateral View SAR Offset (mm)	45.0
 Medial To Origin 		 Anterior to Origin 	
Lateral To Origin		Posterior to Origin	
Axial SAR Offset (mm)	25.0	Max Safe Distraction Rate (mm/day)	3.7
Proximal to Origin	location		
Distal to Origin			
Minimum Correction T	ime (days): 10	Calculate Minimum Correction T	ime
	Enter Correction Ti	ime (days): 10	
	Previou	s) (Next)	

Prescription

т/	YLOR SP	ATIAL	. FRAM	E*				>{ smit	th≠	
	Home C	ases	Utilitie	s Litera	ature	Use	r Profile L	ogout Help		
F	ile Case Inf	o Defe	ormity i	Select N Frame F	lount rame	Initial Frame Fina	l Frame	Structure Pr	escription	
Josh	Harper							Prescri	iption Star	
he calendar	ffice Phone: 1 901 278 3773 ase Number: BRU7147 02/17/2004									
utility. The Case	Case Name: GEA HTO Surgery 8/12/02									
utility is	Prescript	tion		a : i a					-	
selecting	Date	Day	(Red)	(Orange)	(Yellow)	(Green)	(Blue)	(Violet)	View	
scheduling	2/17/04	0	150	145	140	135	160	160	View	
ts.	2/18/04	1	151	144	146	138	159	156	View	
	2/19/04	2	151	142	151	141	158	152	View	
	2/20/04	3	152	141	157	144	158	148	View	
	2/21/04	4	153	139	162	147	157	144	View	
	2/22/04	5	153	138	168	150	156	140	View	
	2/23/04	6	154	137	173 ^a	154	155	137	View	
	2/24/04	7	155	135	179	157	154	133	View	
	2/25/04	8	156	134	184	160	154	129	View	
	2/26/04	9	156	132	190	163	153	125	View	
	2/27/04	10	157	131	195	166	152	121	View	
	Strut Ch									
	Change-	ange-Ou	Overl	ap Interval	2	5	Strut Chan	ge	e	
	Out	Strut	First Day	Last Day	1	From		То		
	а	3 (Yellow)	6 (2/23/04)	6 (2/23/04) M	7107-0220 ledium Standar	d	7107-0230 Long Standar	rd	
				Previous		Ne	ext			

The **Prescription** duration is set by the **SAR**. The **Prescription Start Date** can be modified using the input field.

Colored blocks clearly identify when struts need to be changed to a different size.

The progress of the virtual correction can be viewed on any day by clicking **View**.

Click **View** for any day of the correction to view the virtual progress of the deformity correction.

Report

The **Report** page provides a summary of all the input and output information in text form including the prescription, strut change schedule, hardware listing, and case notes. A hard copy of the report page should be placed in the patient's file. It is the best way to reconstruct the case if the electronic file is not available.

TAYL	OR S	PATIAL F	RAME*						>'sr	nith≠	phew	
Har	6	Casas	Itilities	1 Marrie			User Prof	le Lo	out Hele			
File	Case	info Define	Selec	t Me	ount	Initial	Final Fran	ne S	tructure	Prescription	Report	
		Detormi	iy Fram	e FR	ame	Frame	љ.		at RISK			
						(⊐ <u>Open a p</u>	orintable	e version of	this page in a n	ew window	
		Ji Patient Initials	Sh Harper, C : GEA, Case	Name: Gl	EA HTC)1-278-3773) Surgery 8/	, Date: 02/ /12/02, Cas	17/2004 se Num	4 ber: BRU	7147		
Deformity	Param	eters										
AP View An AP View Tra	gulation: 2 anslation: 1	23.0° Varus 10.0 mm Medial	Late Late	ral View Angi ral View Trar	ulation: 1 Inslation:5	0.0° Apex A .0 mm Poste	nterior erior	Axial View Angulation:15.0° Internal Axial Translation: 5.0 mm Short				
Anatomy	Right					Operative	Mode: Tota	al Resid	ual			
Frame Pa	ramete	rs										
Proximal Ri Distal Ring:	ng: 180m 180m	m Ring (7107-01 m Ring (7107-01	15) 15)			Reference: P	roximal					
Strut 1: Me Strut 2: Me Strut 3: Me	edium St edium St edium St	rut (7107-0220) rut (7107-0220) rut (7107-0220)				Strut 4: Med Strut 5: Med Strut 6: Med	dium Strut (7 dium Strut (7 dium Strut (7	7107-02 7107-02 7107-02	220) 220) 220)			
Mounting	Param	eters										
AP View Frame Offset:0.0 mm Lateral View Frame 0						20.0 mm Po t'Origin	osterior to	Rotary Axial F	Frame Ang	le:0.0° 30.0 mm Prox t: Origin	timal to	
Initial Str	ut Setti	ngs										
Strut 1● Strut 2● (Red) (Orange) 150 145			e)	Strut 3 (Yellow) 140		Strut 4 (Gree 135	4 😑 en) 5	Sta	rut 5 (Blue) 160	Strut 6 (Viole 160	5 • •t)	
Final Stru	t Settin	igs I										
Stru (F 1	t 1 ● Red) 57	Strut 2 (Orang 131	e)	Strut 3 (Yellow) 195		Strut (Gree 166	4 🔴 en) 3	Str	rut 5 (Blue) 152	Strut 6 (Viole 121	5 • (t)	
Structure	at Risk			1.1.19. 90					124.92			
AP View SA Axial SAR C Correction 1	R Offset (offset (mn Fime (day	(mm):30.0 mm Me n): 25.0 mm Dis s): 10	edial To Origin stal to Origin		Lateral Max Sa	View SAR Off afe Distraction	fset (mm): Rate (mm/da	45.(ay) :3.7) mm Antei	rior to Origin		
Prescript	ion											
Date	Day	Strut 1 (Red)	Strut 2 (Orange) (1	trut 3 Yellow)	Str (G	ut 4 😐 reen)	Stru (B	ut 5 🔍 lue)	Strut 6 ● (Violet)	View	
2/17/04	0	150	145		140		135	1	60	160	View	
2/18/04	1	151	144		146	8	138	1	59	156	View	
2/19/04	2	151	142		151		141	1	58	152	View	
2/20/04	3	152	141		157		144	1	58	148	View	
2/21/04	4	153	139		162		147	1	57	144	View	
2/22/04	5	153	138	_	168		150	1	56	140	View	
2/23/04	6	154	137		173 ^a		154	1	55	137	View	
2/24/04	7	155	135		179		157	1	54	133	View	
2/25/04	8	156	134		184		160	1	54	129	View	
2/26/04	9	156	132		190		163	1	53	125	View	
2/27/04	10	157	131	~ ~	195	~ ~	166	~ 1	52	121	View	

The **Report** page includes a text summary of the inputs and the outputs.

(See next page for screen continuation.)

To print the report without banners, click on **Open a Printable Version of this page in a New Window.** Then click on **Print** to print this version.

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The Report page also inlcudes a detailed schedule for Strut Change-outs and Parts Listing.

Saving a Case

You can save a case at anytime. Under the Cases tab, simply click File and Save Case.

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Restoring a Case

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Notes

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Contractions Developments

Select Frame

- 2/3 Foot Ring/U-plate Ring Selection
 - Orientation
- Strut Family Selection
- Individual Strut Selection
- Lateral View Frame OffsetAxial View Frame Offset AP View Frame Offset

Operative Mode

- Rotary Frame Offset
- Initial Axial View
 Deformity Parameters
 Mounting Parameters
- Parts List

Prescription

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Initial Laterial View

Initial AP View

- Strut Change-outs

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