

**Sales Representative Information:**

Name: _____
Address: _____
City: _____
State: _____
Phone: _____
Fax: _____
E-mail: _____

Timberhaven is pleased to present this estimate for

Customer:

Name: Customer _____
Address: _____
City: _____
State: _____ Zip Code: _____
Primary Phone: _____
Other Phone: _____
E-mail: _____

Model / Design Type:

Model: Std. Lake Augusta _____
Design Type: Basic _____

Building Site:

Address: _____
City: _____
County: _____
State: PA _____
Country: USA _____

Material estimate number: E0000**Estimate expiration date: July 1, 2018****Material estimate date: June 1, 2018****Log & Timber Package:****Weathertight Package:****Finish Package:** _____**Complete Package Price:****ADDED FEATURES**

- The industry's Best Quality Assurance Programs: 'Complete' Package Guarantee and Lifetime Warranty.
- Kiln-dried Engineered Log & Timber Components (9% average moisture content) provide superior strength and stability with little to no checking, warping, or twisting to our logs or timbers in our NON-settling systems.
- Kiln-dried Graded / Certified Engineered logs are produced / inspected under a continuous in-plant quality control process audited by third party agencies, PFS-TECO Corporation and the Log and Timber Homes Council. A Certificate of Inspection is provided with each log home package.
- Custom Design Assistance (FREE) available to help you create your unique log or timber frame home design based on your personal lifestyle.
- Engineering Services offered include stamped plans, beam sizings, energy calculations, etc. specific to your plan as required to support the permitting processes.
- Detailed Construction Manual and Construction / Assembly Plans provided for both our PRE-CUT log and timber frame packages to enhance the speed and accuracy of the building process.
- Name Brand Components such as Andersen and Therma-Tru are standard in every package.
- Pre-cut, Pre-sorted, Inverse Stacking of your log or timber frame components ensures a timely on-site construction process.
- Delivery Included at NO additional charge anywhere in the Continental U.S.
- Multi-Stage Deliveries provided to protect your home's materials /components from weather damage, theft and / or when working with challenging site conditions.
- Double-Protected Packages include carefully wrapped material bundles and tarped delivery trucks to help protect your materials from the elements during and after delivery.
- Construction and Planning Workshops (FREE) are a perfect way to expand your overall log and timber frame knowledge, tour our facility and meet our experienced staff.
- Contractor Workshops (FREE) provided on a one-on-one basis for your builder (and his crew) to assure a confident, timely and smooth construction process.
- Toll-Free Technical Assistance / Customer Service Hotline staffed by our experienced staff to get your questions answered before, during and after the construction process.
- Nationwide Representative Network includes the assurance of a trained professional to guide you along each step of the process.

AREA DESCRIPTIONS (REFER TO SKETCH)

AREA #1							
1. Parameters	Foundation size	56' x 26'	Location	Main	Wall Height	9'-8"	
2. Exterior	Ext. Structure	2x6 framed / Insulated	Ext. Finish	HardiePanel® Board & Batten	Corners	HardieTrim® Boards	
	Gables	Left HardiePanel® B&B	Gables	Right HardiePanel® B&B			
3. Interior	2nd floor		2nd floor stairs		Bsmt stairs	Exposed	
	2nd floor over		Cathedral over	Entire Area	Exposed Beams	None	
4. Roof	Roof style	6x Shed Rafter	Pitch	4 /12	Collar ties	None	
5. Dormer #1	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
Dormer #2	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
6. Porch #1	Size	8' x 8'	Location	Front Center	Deck #1 Size	16' x 4'	
	Roof style	6x Gable Rafter	Pitch	10 /12	Location	Rear Left	
Porch #2	Size	7'-6" x 4'	Location	Front Left	Deck #2 Size	16' x 4'	
	Roof style	6x Shed Rafter	Pitch	4 /12	Location	Rear Right	
Porch #3	Size	7'-6" x 4'	Location	Front Right	Deck #3 Size	10' x 30'	
	Roof style	6x Shed Rafter	Pitch	4 /12	Location	left	

7. Notes: Timber framed members consist of 6x8 and 8x8 support posts, 6x8 angle braces, 8x12 beams, 6x12 rafters and 8x12 roof beams. Porch timber framed members consist of 6x6 support posts, 6x6 angle braces, 6x8 headers, 6x8 rafters and 6x8 or 6x6 webb members. Timber framed material to receive precut mortise & tenon joinery with wood pegs and mechanical fasteners. Rear walk-out wall to be 2x framed wall. 12' deck support posts to grade and stone veneer on columns as shown on elevations are included in price.

AREA #2							
1. Parameters	Foundation size	24' x 4'	Location	Rear of Area #1	Wall Height	19'-8"	
2. Exterior	Ext. Structure	2x6 framed / Insulated	Ext. Finish	Stone Veneer	Corners	Stone Veneer	
	Gables	Left Stone Veneer	Gables	Right Stone Veneer			
3. Interior	2nd floor		2nd floor stairs		Bsmt stairs		
	2nd floor over		Cathedral over	Entire Area	Exposed Beams	None	
4. Roof	Roof style	6x Shed Rafter	Pitch	4 /12	Collar ties	None	
5. Dormer #1	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
Dormer #2	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
6. Porch #1	Size	x	Location		Deck #1 Size	x	
	Roof style		Pitch	/12	Location		
Porch #2	Size	x	Location		Deck #2 Size	x	
	Roof style		Pitch	/12	Location		

7. Notes: Area #2 extends out over foundation wall. Insulation and 1x8 T&G ceiling finish are included in the price for floor joists. Support beams, 12' support posts to grade and stone veneer on columns as shown on elevations are included in price.

AREA #3							
1. Parameters	Foundation size	x	Location		Wall Height		
2. Exterior	Ext. Structure		Ext. Finish		Corners		
	Gables		Gables				
3. Interior	2nd floor		2nd floor stairs		Bsmt stairs		
	2nd floor over		Cathedral over		Exposed Beams		
4. Roof	Roof style		Pitch	/12	Collar ties		
5. Dormer #1	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
Dormer #2	Size/Type		Location		Wall Height		
	Ext. Structure		Ext. Finish		Corners		
	Roof style		Pitch	/12	Collar ties		
6. Porch #1	Size	x	Location		Deck #1 Size	x	
	Roof style		Pitch	/12	Location		
Porch #2	Size	x	Location		Deck #2 Size	x	
	Roof style		Pitch	/12	Location		

7. Notes:

AREA DESCRIPTIONS (REFER TO SKETCH)

AREA #4									
1. Parameters	Foundation size	x		Location		Wall Height			
2. Exterior	Ext. Structure			Ext. Finish		Corners			
	Gables			Gables					
3. Interior	2nd floor			2nd floor stairs		Bsmt stairs			
	2nd floor over			Cathedral over		Exposed Beams			
4. Roof	Roof style			Pitch	/12	Collar ties			
5. Dormer #1	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
Dormer #2	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
6. Porch #1	Size	x		Location		Deck #1 Size	x		
	Roof style			Pitch	/12	Location			
Porch #2	Size	x		Location		Deck #2 Size	x		
	Roof style			Pitch	/12	Location			
7. Notes:									

AREA #5									
1. Parameters	Foundation size	x		Location		Wall Height			
2. Exterior	Ext. Structure			Ext. Finish		Corners			
	Gables			Gables					
3. Interior	2nd floor			2nd floor stairs		Bsmt stairs			
	2nd floor over			Cathedral over		Exposed Beams			
4. Roof	Roof style			Pitch	/12	Collar ties			
5. Dormer #1	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
Dormer #2	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
6. Porch #1	Size	x		Location		Deck #1 Size	x		
	Roof style			Pitch	/12	Location			
Porch #2	Size	x		Location		Deck #2 Size	x		
	Roof style			Pitch	/12	Location			
7. Notes:									

AREA #6									
1. Parameters	Foundation size	x		Location		Wall Height			
2. Exterior	Ext. Structure			Ext. Finish		Corners			
	Gables			Gables					
3. Interior	2nd floor			2nd floor stairs		Bsmt stairs			
	2nd floor over			Cathedral over		Exposed Beams			
4. Roof	Roof style			Pitch	/12	Collar ties			
5. Dormer #1	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
Dormer #2	Size/Type			Location		Wall Height			
	Ext. Structure			Ext. Finish		Corners			
	Roof style			Pitch	/12	Collar ties			
6. Porch #1	Size	x		Location		Deck #1 Size	x		
	Roof style			Pitch	/12	Location			
Porch #2	Size	x		Location		Deck #2 Size	x		
	Roof style			Pitch	/12	Location			
7. Notes:									

AREA DESCRIPTIONS (REFER TO SKETCH)

GARAGE							
1. Parameters	Foundation size	x		Location		Wall Height	
2. Exterior	Ext. Structure			Ext. Finish		Corners	
	Gables			Gables			
3. Interior	2nd floor			2nd floor stairs		Bsmt stairs	
	2nd floor over			Cathedral over		Exposed Beams	
4. Roof	Roof style			Pitch	/12	Collar ties	
5. Dormer #1	Size/Type			Location		Wall Height	
	Ext. Structure			Ext. Finish		Corners	
	Roof style			Pitch	/12	Collar ties	
Dormer #2	Size/Type			Location		Wall Height	
	Ext. Structure			Ext. Finish		Corners	
	Roof style			Pitch	/12	Collar ties	
6. Porch #1	Size	x		Location		Deck #1 Size	x
	Roof style			Pitch	/12	Location	
Porch #2	Size	x		Location		Deck #2 Size	x
	Roof style			Pitch	/12	Location	
7. Interior Finish	Garage			2nd floor			
8. Notes:							

Basement							
1. Walkout wall	Length/height	x		Location		Courses to square	Framing
2. Exterior	Ext. Structure			Ext. Finish		Corners	
	1x8 T&G Paneling			Fiberglass Insulation			
4. Notes:							

General Notes:

- Unless noted otherwise, porch and deck posts and steps to grade are provided by others.
- All double hung windows are quoted as "Equal Sash"; all grilles if included, are priced as colonial style unless noted otherwise, specialty windows (traps, triangles, etc) will not receive grilles
- Finish style stairs if included in pricing, to basement will automatically receive 2x6 walls around the perimeter of the stairs with a door at the bottom.
- All fireplace materials if shown on plans which includes chimney, stone veneer and actual fireplace are not included in price unless requested.
- Additional engineering fees and/or additional materials that are required as a result of structural engineering requirements, local code considerations, load calculations for wind, snow, etc., state stamps/seals, energy calculations, and/or customer requests such as steel beam sizing, radiant floor heating systems, etc., will be billed in addition to the quoted package price. (Based on approved engineering documentation/drawings.)
- All applicable sales tax will be reflected on Sales Agreement
-

Thank you for considering Timberhaven Log & Timber Homes

We appreciate the opportunity to earn your trust and look forward to assisting you with your forever home.



EXTERIOR LOG WALLS & TIMBER FRAMING

- Kiln-dried log (LT)
- Kiln-dried, Engineered, 6x8 and 8x8 support posts and 8x12 beams (LT)
- Kiln-dried, Engineered, 6x8 angle braces (LT)
- Filler corners (LT)
- Kiln-dried corner trim boards (LT)
- Pre-cut splines (LT)
- Wood pegs and lag bolt fasteners (LT)
- Butylog® sealant tape (LT)
- Gasket and caulking (LT)
- Polebarn nails for mortise & tenon corners (LT)
- 1" Auger drill bit and dead blow hammer (LT)

EXTERIOR FRAMED WALLS

- Kiln-dried log siding (LT)
- HardiePanel™ Select CedarMill™ Board & Batten siding (WT)
- Stone veneer for walls, gables (WT)
- Wood shakes (WT)
- Corner extensions (LT)
- HardieTrim™ 5/4 corner and trieze board trim (WT)
- 2x4, 2x6 framed walls, gables @ 16" OC (WT)
- 7/16" OSB sheathing for walls, gables (WT)
- Housewrap vapor barrier (WT)
- R-21 insulation for walls, gables (FN)
- T&G for walls (FN)

GARAGES

- Kiln-dried log (LT)
- Kiln dried log sided walls (LT)
- Kiln-dried log corner extensions (LT)
- Kiln-dried corner trim boards (LT)
- Framed garage walls @ 16" OC (WT)
- Sheathing (WT)
- Vapor barrier (WT)
- Wall insulation (FN)
- Roof insulation (FN)
- T&G for walls (FN)

BASEMENT

- Log walkout walls (LT)
- Sided walkout walls (LT)
- Kiln-dried log corner extensions (LT)
- 2x10 framed walkout walls @ 12" OC (WT)
- 7/16" OSB sheathing for walkout walls (WT)
- Housewrap vapor barrier for walkout walls (WT)
- Insulation for walkout walls (FN)
- T&G for walkout walls (FN)
- Ceiling (FN)

1st LEVEL FLOOR SYSTEM

- 2x10 double SPF perimeter box w/hurricane ties (LT)
- Pressure treated 2x sill plate and sill seal (WT)
- Pressure treated 6x6 girder support posts (WT)
- 4-ply 2x12 girder beam (WT)
- 2x10 floor joists @ 16" OC w/metal bridging (WT)
- I-joists (WT)
- 3/4" Advantech® T&G subfloor (WT)
- R-30 unfaced insulation (FN)
- Construction adhesive (WT)
- Metal joist hangers and banding (WT)

2nd LEVEL FLOOR SYSTEM

- Kiln dried loft Joists @ 32" OC w/ lag bolts (LT)
- Beams w/ lag bolts (LT)
- Loft posts (LT)
- Wall ties w/ lag bolts (LT)
- Engineered beams w/ lag bolts (LT)
- Heavy timber joist hangers w/ lags, and bolts as required (LT)
- Kiln dried exposed beams @ 48" OC w/ lag bolts (LT)
- Girder (LT)
- Joists (LT)
- I-joists (LT)
- 3/4" Subfloor (FN)
- Construction adhesive (FN)
- Metal joist hangers and banding (FN)
- Composition floor (FN)
- Floor insulation (FN)
- 2x6 T&G loft flooring (FN)
- Metal banding (LT)
- Ceiling under loft floor (FN)
- Loft railings (FN)

Railing Species WP

HAND HEWN COMPONENTS

- Exterior (LT)
- Interior (LT)
- Loft joists (LT)
- Posts and beams (LT)
- Loft deco beams (LT)
- Heavy timber roof (LT)
- Rafter ties (LT)

EXTERIOR PRESERVATIVE

- Exterior preservative (FN)
- Insect repellent (FN)
- Stain (Q8 Outlast Log Oil® only) (FN)

(LT) = Log and Timber (WT) = Weathertight (FN) = Finish

ROOF SYSTEMS

Common roof system materials

- 7/16" OSB roof sheathing w/ H-clips (WT)
- Ridge beams as required w/ lag bolts (LT)
- Rhino Roof™ synthetic felt, ice and water shield (WT)
- Tamko® Heritage 30-year architectural fiberglass shingles (WT)
- Ridge vent (WT)
- 2x WP fascia (WT)
- Posts w/ lag bolts (LT)

Heavy timber truss roof system

- Beam & purlin roof (LT)
- Rafters (LT)
- Ties (LT)
- Purlins (LT)
- A truss Dormer truss W truss
- Shed Truss Scissor truss Gambrel truss

Heavy timber rafter roof system

- Kiln-dried, Engineered timber framed rafter roof (LT)
- 6x12 rafters w/wood pegs & lag bolt hardware (LT)
- 15# felt paper vapor barrier (WT)
- 1x8 T&G soffit and ceiling finish (WT)
- R-40 rigid foam insulation (WT)
- Vented drip edge (WT)
- 2x4 furring strips w/ timberscews (WT)
- Chimney/skylight framing w/ lag bolts (LT)

Conventional roof systems

- Truss roofs (WT)
- Pre-fab gable truss (WT)
- 2x framed roof (WT)
- I-joint rafters (WT)
- Hurricane ties (WT)
- Kiln dried collar ties @ 48" OC w/ bolts (LT)
- Soffit (WT)
- Soffit paneling (WT)
- Soffit vent (WT)
- Drip edge and flashing (as required) (WT)
- Kiln dried exposed beams (LT)
- Exposed hip, ridge or valley beam (LT)
- Kiln dried deco truss (LT)
- Deco overhang (WT)
- Deco octagon louver (non-venting) (WT)
- Insulation (FN)
- Insulation baffle, support wires (FN)
- Poly vapor barrier (FN)
- Ceiling (FN)

PORCHES

- 2x8 PT joists @16", 32" OC w/headers, hangers and copper flashing (
- 5/4 PT decking (FN)
- Kiln-dried, Engineered 6x8 porch header w/ lag bolts (LT)
- PT 6x6 porch posts w/ lag bolts (WT)
- PT 6x6 post braces w/ timberscrews (WT)
- Beam & purlin roof (LT)
- Rafters (LT)
- Ties (LT)
- Purlins (LT)
- Shed Truss A truss W truss
- Kiln-dried, Engineered timber framed rafter roof (LT)
- 6x8 rafters w/wood pegs & lag bolt hardware (LT)
- 6x8 collar ties/webbing (LT)
- 1x8 T&G soffit and ceiling finish for built up roofs (FN)
- Vented drip edge (WT)
- 2x4 furring strips w/ timberscrews (WT)
- Pre-fab truss roof (WT)
- Porch roof @ 16" OC (WT)
- Hurricane ties (WT)
- 2x WP fascia (WT)
- Ceiling joists @ 16" OC (WT)
- Drip edge (WT)
- Soffit vent (WT)
- 7/16" OSB roof sheathing w/ H-clips (WT)
- Rhino Roof™ synthetic felt, Ice and water shield (WT)
- Tamko® Heritage, 30 year architectural fiberglass shingles (WT)
- Kiln dried deco truss (LT)
- 1x8 T&G ceiling finish (FN)
- Porch railings (FN)

Railing Species PT

DECK/BALCONY

- 2x8 PT joists @16", OC w/headers, hangers and copper flashing (FN)
- 5/4 PT decking (FN)
- Deck railing, 6x6 posts, 2x4 rails, (FN)
- 2x2 balusters Railing Species PT

STAIRS

- Basement stairs (FN)
- and Landing
- Finish stairs (FN)
- and Landing
- Exposed Stairs, 4x12 WP stringers, 4x WP treads (FN)
- Spiral stairs (FN)
- Log stairs (FN)
- Stair railing, 6x6 posts, 2x4 rails, (FN)
- 2x2 balusters Railing Species WP

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Material estimate number: E0000

		Andersen®	Andersen®			Andersen®	Andersen®
		200 Series	400 Series			200 Series	400 Series
Patio Doors (WT)							
<input checked="" type="checkbox"/>	Single door	_____	5	<input checked="" type="checkbox"/>	Double Hung	8	_____
<input type="checkbox"/>	Center hinge	_____	_____	<input checked="" type="checkbox"/>	Casement	18	_____
<input checked="" type="checkbox"/>	Double hinge	_____	1	<input checked="" type="checkbox"/>	Picture/Rectangle	6	_____
<input type="checkbox"/>	Gliding door	_____	_____	<input type="checkbox"/>	Awning	_____	_____
<input type="checkbox"/>	Transoms	_____	_____	<input type="checkbox"/>	Gliding	_____	_____
<input type="checkbox"/>	Sidelights	_____	_____	<input checked="" type="checkbox"/>	Transoms	4	_____
<input checked="" type="checkbox"/>	Lockset(s) <u>6 Newbury</u>	Finish <u>Oil Rubbed Bronze</u>		<input type="checkbox"/>	Bay/Bow	_____	_____
<input type="checkbox"/>	Grilles			<input type="checkbox"/>	Grilles	_____	_____
<input checked="" type="checkbox"/>	Screens			<input checked="" type="checkbox"/>	Screens	_____	_____
Therma Tru® Doors (WT)							
<input checked="" type="checkbox"/>	Style <u>FCM606LE w/ (2) FCM6125LESL</u>		1	<input type="checkbox"/>	Circle tops	_____	_____
<input type="checkbox"/>	Style _____		_____	<input type="checkbox"/>	Circle top grilles	_____	_____
<input type="checkbox"/>	Style _____		_____	<input type="checkbox"/>	Rounds	_____	_____
<input type="checkbox"/>	Hinged Patio Doors		_____	<input type="checkbox"/>	Archtop/Eyebrow	_____	_____
<input type="checkbox"/>	Gliding Patio doors		_____	<input type="checkbox"/>	Archtop/Eyebrow grilles	_____	_____
<input type="checkbox"/>	Firedoor		_____	<input type="checkbox"/>	Springline/Palladian	_____	_____
<input checked="" type="checkbox"/>	Basement doors per request, types, counts included above		_____	<input type="checkbox"/>	Springline/Palladian grilles	_____	_____
<input checked="" type="checkbox"/>	Lockset(s) <u>1 Plymouth</u>		_____	<input type="checkbox"/>	Trapezoids	_____	_____
<input type="checkbox"/>	deadbolt		_____	<input type="checkbox"/>	Pentagons	_____	_____
<input type="checkbox"/>	Single cylinder deadbolt _____	<input type="checkbox"/>	Kickplate _____	<input type="checkbox"/>	Triangles	_____	_____
	Door hardware finish <u>Aged Bronze</u>			<input type="checkbox"/>	Other custom windows	_____	_____
<input checked="" type="checkbox"/>	1x4 WP Interior trim for exterior doors, windows, w/windowsills (FN)		_____	<input type="checkbox"/>	Fixed octagon	_____	_____
<input checked="" type="checkbox"/>	Caulking for doors and windows (WT)		_____	<input type="checkbox"/>	Wood octagon	_____	_____
<input checked="" type="checkbox"/>	HardieTrim® Brick mould & historic sill ext. door & window trim (FN)		_____	<input checked="" type="checkbox"/>	Basement windows per request, types, counts included above		
INTERIOR FRAMED WALLS							
<input type="checkbox"/>	Bearing walls (WT)		_____	<input type="checkbox"/>	High altitude glass		
<input checked="" type="checkbox"/>	2x4, 2x6 interior and basement partitions 16" OC (FN)		_____			Fixed	Manual
<input type="checkbox"/>	Furring for foundation (FN)		_____			_____	_____
<input type="checkbox"/>	Partition insulation (FN)		_____			_____	_____
<input type="checkbox"/>	Partition T&G (FN)		_____			_____	_____
<input checked="" type="checkbox"/>	1x4 WP baseboard (FN)		_____			_____	_____
ADDITIONAL/CUSTOM ITEMS							
<input type="checkbox"/>	Custom or Special Order Materials		_____	INTERIOR DOORS			
				<input checked="" type="checkbox"/>	Prehung raised panel pine doors (FN)		13
				<input checked="" type="checkbox"/>	Raised panel bi-fold doors, w/jambs (FN)		1
				<input checked="" type="checkbox"/>	Cross buck sliding barn doors w/hardware, jambs (FN)		1
				<input type="checkbox"/>	French doors (FN)		_____
				<input checked="" type="checkbox"/>	Raised panel pine pocket door w/frame, hardware (FN)		2
				<input checked="" type="checkbox"/>	Accent Aged Bronze locksets, Aged Bronze hinges (FN)		_____
				<input checked="" type="checkbox"/>	1x4 WP interior door trim (FN)		_____
				MISCELLANEOUS			
				<input checked="" type="checkbox"/>	Shims (LT)		_____
				<input checked="" type="checkbox"/>	Blueprints (LT)		_____
				<input type="checkbox"/>	Construction manual (LT)		_____

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