



REQUEST FOR PROPOSALS

PASSENGER BOARDING BRIDGE AND BAGGAGE HANDLING SYSTEM PREVENTIVE MAINTENANCE, REPAIR, AND TECHNICAL SUPPORT SERVICES

**Wilmington International Airport (ILM)
New Hanover County Airport Authority
Wilmington, North Carolina**

Issue Date: July 28, 2026
Proposal Due Date: August 25, 2026 at 2:00 PM ET

1. INTRODUCTION

The New Hanover County Airport Authority (“Authority”), owner and operator of Wilmington International Airport (“ILM” or “Airport”), is requesting proposals from qualified firms to provide preventive maintenance, inspection, repair, emergency response, and technical support services for the Airport’s Passenger Boarding Bridges (“PBB”) and Baggage Handling System (“BHS”).

The Airport currently operates nine (9) passenger boarding bridges together with baggage conveyor and handling equipment supporting airline operations within the passenger terminal.

The Authority intends to award a single contract to the qualified contractor capable of providing a cost-effective preventive maintenance program for both PBB and BHS systems as appropriate for a small-hub commercial service airport while maintaining a high level of equipment reliability, safety, regulatory compliance, and responsiveness.

The Authority’s objective is to maximize equipment availability and useful life through scheduled preventive maintenance and timely corrective maintenance while minimizing disruptions to airline and passenger operations.

2. BACKGROUND

Wilmington International Airport is a commercial service airport serving southeastern North Carolina. ILM has experienced significant passenger and airline growth and operates passenger terminal facilities supporting seven commercial airlines.

Passenger boarding bridges and baggage handling systems are critical components of Airport and airline operations. Equipment outages can directly affect aircraft operations, passenger service, baggage delivery, and airline schedules.

The Authority seeks a qualified contractor with demonstrated airport experience maintaining passenger boarding bridges and baggage handling/conveyor systems. The contract will emphasize preventive maintenance, equipment reliability, rapid response, cost-effective maintenance practices, proper documentation, safety, accountability, equipment lifecycle management, and minimization of operational disruptions.

3. EQUIPMENT COVERED BY CONTRACT

3.1 Passenger Boarding Bridges

Nine (9) Passenger Boarding Bridges. The scope shall include the bridge structure and associated operating systems and components, including, as applicable:

- Bridge drive systems
- Wheel assemblies
- Drive motors
- Gearboxes
- Hydraulic systems
- Elevation systems
- Cab controls
- PLC and control systems
- Electrical systems
- Limit switches
- Safety interlocks
- Emergency stop systems
- Canopies
- Aircraft interface components
- Cab rotation systems
- Tunnel sections
- Structural components
- Lighting
- Weather seals
- Bumpers
- Bearings
- Lubrication points
- Tires and wheels
- Safety equipment

- Other components integral to safe bridge operation

Associated gate equipment such as Ground Power Units (GPU) and Pre-Conditioned Air (PCA) equipment may be included where specifically identified by the Authority in the final equipment inventory.

3.2 Baggage Handling System

The Airport baggage handling system generally includes baggage conveyor equipment supporting airline ticketing, baggage make-up, baggage transfer, and baggage claim operations. Equipment may include:

- Conveyor belts and sections
- Motors and gearboxes
- Drive assemblies
- Bearings, pulleys and rollers
- Belt tensioning systems
- Electrical panels and motor controls
- Variable frequency drives
- PLC systems
- Sensors and photo eyes
- Emergency stops and safety interlocks
- Control stations
- Baggage claim devices
- Baggage make-up conveyors
- Inbound and outbound baggage conveyors
- Related mechanical and electrical components

The Authority will provide the selected Contractor with a final equipment inventory/ as-built plans and specifications at contract commencement.

4. SCOPE OF SERVICES

The Contractor shall furnish all management, supervision, qualified technicians, labor, tools, testing equipment, transportation, administrative support, and other resources necessary to perform the required services.

The Contractor shall provide a comprehensive maintenance program consisting of preventive maintenance, inspection, corrective maintenance, emergency response, troubleshooting, documentation, and technical support.

5. PREVENTIVE MAINTENANCE (In General)

The Contractor shall establish and perform a scheduled preventive maintenance program for all covered equipment. Preventive maintenance shall be performed in accordance with equipment manufacturer recommendations, applicable codes and regulations, industry accepted maintenance practices, Airport safety requirements, and the Contractor's approved preventive maintenance program.

Preventive maintenance schedules shall include appropriate daily or operational inspections when required, monthly inspections, quarterly inspections, semiannual inspections, and annual inspections.

The Contractor shall submit a proposed preventive maintenance schedule within thirty (30) days following Notice to Proceed.

6. PASSENGER BOARDING BRIDGE PREVENTIVE MAINTENANCE

Preventive maintenance shall include structural and tunnel inspections; cab, drive, wheel, motor, gearbox, hydraulic and elevation system inspections; lubrication; electrical and controls testing; limit switch, emergency stop and safety interlock testing; cable and wiring inspections; aircraft interface, canopy, weather seal, lighting, warning device and bumper inspections; bearing and fastener checks; fluid level and leak checks; vibration/noise evaluation; conveyor belt bag chute (Telford Design), cleaning, adjustment and identification of components approaching end of useful life.

All safety-related deficiencies shall immediately be reported to the Authority. Equipment determined to be unsafe shall be appropriately removed from service until repairs are completed or otherwise authorized by the Authority.

The Contractor shall coordinate preventive maintenance requiring PBBs to be taken out of service with the Authority to minimize impacts to airline gate operations.

7. BAGGAGE HANDLING SYSTEM PREVENTIVE MAINTENANCE

Preventive maintenance shall include conveyor, belt, roller, bearing, pulley, motor, gearbox and drive assembly inspections; belt tracking and tension adjustment; lubrication; electrical panel and equipment inspections; emergency stop and safety device testing; sensor and photo eye testing; PLC diagnostic review; variable frequency drive and motor control inspections; abnormal noise/vibration identification; cleaning as required; tightening electrical and mechanical connections; identification of worn components; and recommendations for replacement of components approaching failure.

The Contractor shall schedule preventive maintenance to minimize interference with airline baggage operations.

8. CORRECTIVE MAINTENANCE AND REPAIRS (In General)

The Contractor shall troubleshoot and repair equipment failures identified during preventive maintenance or reported by Airport personnel. Corrective maintenance may include mechanical, electrical and control system repairs; PLC troubleshooting; motor and gearbox replacement; conveyor belt, bearing, roller, sensor and switch replacement; electrical component replacement; passenger boarding bridge drive system and hydraulic repairs; safety system repairs; and other repairs necessary to return equipment to service.

The Contractor shall make reasonable efforts to restore critical equipment to service as quickly as practicable.

9. EMERGENCY AND ON-CALL SERVICE

The Contractor shall provide twenty-four (24) hour, seven (7) day per week emergency contact capability. Because ILM is a small-hub airport, the Authority does not necessarily require full-time, 24-hour on-site maintenance staffing. Proposers are encouraged to recommend a staffing and response model that provides reliable service while controlling Airport costs.

The Contractor shall provide telephone technical support immediately upon notification of an emergency.

Critical Operational Failure: Technician responding/on-site within four (4) hours, unless otherwise approved by the Authority.

Non-Critical Repair: Response within twenty-four (24) hours or as mutually agreed based upon operational requirements.

A Critical Operational Failure generally includes failure that prevents use of a required passenger boarding bridge, significantly affects baggage processing, creates a safety condition, could result in significant airline operational disruption, or requires immediate corrective action.

Proposers shall specifically identify their proposed emergency response capability for Wilmington International Airport.

10. STAFFING

The Contractor shall provide personnel with appropriate training and experience in passenger boarding bridges, baggage conveyor systems, electrical systems, mechanical systems, PLC and control systems, airport operational environments, and applicable safety requirements.

The Contractor shall designate a Contract Manager as the primary point of contact and identify the location from which technicians responding to ILM will normally be dispatched.

11. MAINTENANCE MANAGEMENT AND DOCUMENTATION

The Contractor shall maintain complete records of all maintenance performed, including equipment identification, date/time of service, technician, preventive maintenance performed, inspection findings, repairs performed, parts replaced, equipment condition, outstanding deficiencies, recommended repairs, equipment downtime/return to service, and labor hours.

Electronic maintenance records are required. The Authority shall have access to maintenance records throughout the contract. All records shall be provided to the Authority upon termination or expiration of the contract. All maintenance records developed under this contract shall become the property of the Authority.

12. MONTHLY REPORTING

The Contractor shall provide a monthly maintenance report summarizing preventive maintenance completed and scheduled, service calls, equipment failures, corrective and emergency maintenance, equipment downtime, parts replaced, outstanding repairs, equipment reliability concerns, recommended capital repairs/replacements, and other significant maintenance issues.

The Contractor shall meet with Airport representatives periodically, as requested, to review equipment performance and maintenance activities.

13. PARTS AND MATERIALS

The Contractor shall assist the Authority in maintaining an appropriate inventory of commonly required and critical spare parts. The proposal shall clearly describe how parts and materials will be charged, including contractor markup, shipping/handling, emergency procurement charges, and other charges.

No significant equipment replacement or major repair shall be performed without prior authorization from the Authority.

14. TOOLS AND EQUIPMENT

The Contractor shall provide normal hand tools, diagnostic equipment, testing equipment, and specialty tools necessary to perform the services. The Contractor shall identify any significant equipment that it expects the Authority to provide.

15. SAFETY AND SECURITY

The Contractor shall comply with all applicable Airport safety requirements, OSHA requirements, TSA security requirements, Airport Security Program requirements, airfield driving requirements, lockout/tagout procedures, electrical safety requirements, and manufacturer safety procedures.

Contractor employees requiring access to secured areas shall successfully complete all required Airport security and badging requirements.

16. SERVICE PERFORMANCE STANDARDS

Performance will be evaluated based upon preventive maintenance completion, equipment reliability, response time, repair completion time, repeat equipment failures, quality of workmanship, safety, documentation, communication, and cost control.

The Contractor shall notify the Authority of recurring equipment problems and recommend corrective measures. Key performance indicators expected to be evaluated for the contracted Firm are as follows:

- Preventive Maintenance Completion – Target: 100% of scheduled PM completed within the scheduled period.
- Critical Response – Consistent with the emergency response commitment in the Contractor's proposal.
- Repeat Failures – Contractor shall identify and investigate recurring failures.

- Documentation – 100% of preventive and corrective maintenance activities documented.
- Safety – Immediate notification of safety-critical deficiencies.
- Monthly Reporting – Delivered by the date established by the Authority.
- Equipment Reliability – Contractor shall work with the Authority to establish and track equipment availability and downtime metrics.

17. EQUIPMENT CONDITION ASSESSMENT

Within sixty (60) days following commencement of the contract, the Contractor shall perform an initial condition assessment identifying general equipment condition, immediate safety concerns, deferred maintenance, recommended repairs, obsolete components, parts availability concerns, reliability concerns, recommended critical spare parts, and potential capital replacement requirements.

The Contractor shall provide a written condition assessment report to the Authority.

18. OPTIONAL ADDITIONAL SERVICES

The Authority may request additional services including major repairs, equipment modernization/upgrades, controls or PLC upgrades, conveyor or PBB modifications, equipment replacement assistance, engineering or technical evaluation, training of Airport personnel, and other related airport equipment services. Additional services shall be performed only upon written authorization.

19. CONTRACT TERM

The Authority anticipates an initial contract term of three (3) years, with up to two (2) additional one-year periods at the Authority's option. Renewal is subject to satisfactory performance and mutual agreement regarding compensation.

20. PROPOSAL REQUIREMENTS

A. Executive Summary

Brief description of the firm and its approach.

B. Firm Qualifications

Years in business; airport maintenance experience; technical PBB and BHS experience; geographic service coverage; organizational structure.

C. Comparable Airport Experience

At least three airport clients with similar services. Provide airport, scope, number of PBBs, BHS scope, contract term, client contact, telephone and email.

D. Proposed Maintenance Program

Contractor shall provide a proposal outlining general PBB/BHS PM approach, inspection and maintenance intervals for PBBs and BHS, including estimated labor hours required for each preventative maintenance activity, scheduling, documentation, quality control and reliability program.

E. Staffing and Response Plan

Staffing, management, technician qualifications/location, normal and emergency response, after-hours coverage and backup personnel.

F. Maintenance Management System

System used to track equipment, PM, work orders, repairs, parts, downtime and maintenance history.

G. Transition Plan

Approach to transition maintenance responsibilities after award.

H. Pricing

Complete the Price Proposal Form.

21. PRICE PROPOSAL

The Contractor shall complete the Price Proposal form provided as EXHIBIT C based on the Contractor's proposed plans for Proposed Maintenance Program (Fixed Fee) and Response Plan (Rates).

22. EVALUATION CRITERIA

Evaluation Factor	Points
Firm Qualifications and Airport Experience (Sections 20 A,B)	20
Comparable Airport Experience (20C)	10
Proposed Maintenance Program (20D)	20
Staffing & Response Plan (20E)	20
Maintenance Management System & Transition Plan (20 F,G)	15
Price and Overall Value (20H)	15
TOTAL	100

23. SELECTION OBJECTIVE

The Authority is not obligated to select the lowest-priced proposal. Selection will be based upon the proposal determined to provide the best overall value considering qualifications, technical approach, reliability, responsiveness, experience, and cost.

24. PROCUREMENT SCHEDULE

The following schedule is proposed for this procurement. The Authority reserves the right to modify these dates by written addendum.

Procurement Activity	Suggested Date
RFP Advertisement / Issue Date	Tuesday, Jul 28, 2026
Pre-Proposal Meeting and Mandatory/Recommended Site Visit	Tuesday, Aug 11, 2026, 10:00AM ET
Deadline for Contractor/ Proposer Questions	Friday, Aug 21, 2026 – 5:00 PM ET
Authority Response / Final Addendum Issued	Friday, Aug 28, 2026
Proposal Due Date	Wednesday, Sept 9, 2026 – 2:00 PM ET
Proposal Evaluation Period	Sept 9 – Sept 18, 2026
Interviews, if Required	Week of Sept 21, 2026
Notice of Intent to Award / Selection	Monday, Sept 28, 2026
Anticipated Notice to Proceed	Monday, Nov 2, 2026

25. SITE VISIT/PRE-PROPOSAL MEETING

The Authority anticipates conducting a pre-proposal meeting and equipment inspection on Wednesday, August 5, 2026, at Wilmington International Airport. Time: [INSERT]. Attendance is strongly encouraged. Proposers will be provided an opportunity to inspect the passenger boarding bridges and baggage handling system and are responsible for familiarizing themselves with existing equipment and operating conditions.

26. PROPOSAL SUBMISSION

Proposals must be received no later than Tuesday, August 25, 2026 at 2:00 PM ET. Submission instructions: Proposals shall be electronically submitted in PDF file format and emailed to slawson@flyilm.com and shall include **“ILM RFQ for PBB and BHS Proposal”** in the subject line. Proposal files shall not exceed 25MB unless a free and secure file transfer service (download link) is provided. If a file transfer service is provided, the email containing link must meet the deadline and subject line requirements noted above and the file must be available for download by ILM for not less than seven (7) days. Proposals received after the deadline may not be considered.

27. INSURANCE

The selected Contractor shall maintain Commercial General Liability, Automobile Liability, Workers' Compensation, Employer's Liability, and other coverage reasonably required by the Authority. Minimum required coverage is shown below. Specific limits will be included in final contract documents.

Coverage Type	Minimum Limits
Commercial General Liability (including premises, operations, products/completed operations, personal and advertising injury)	\$1,000,000 per occurrence \$2,000,000 general aggregate
Automobile Liability (including owned, hired, and non-owned vehicles)	\$1,000,000 per occurrence
Workers' Compensation	Statutory limits as required by the State of North Carolina
Employer's Liability	\$1,000,000 each accident \$1,000,000 disease - each employee \$1,000,000 disease - policy limit
Hangarkeeper's Liability (if applicable to Operator's activities)	\$1,000,000 per aircraft \$5,000,000 per occurrence
Products / Completed Operations	Included within Commercial General Liability limits
Environmental / Pollution Liability (if applicable — fueling, hazmat handling)	\$1,000,000 per occurrence \$2,000,000 aggregate
Umbrella / Excess Liability	\$5,000,000 per occurrence and aggregate

28. INDEMNIFICATION

The selected Contractor shall indemnify and hold harmless the New Hanover County Airport Authority and its officers, employees, representatives, and agents to the extent provided in the final agreement and permitted by applicable law.

29. COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable federal, state, and local laws, regulations, ordinances, codes, and Airport requirements and obtain all required licenses, permits, certifications, and approvals.

30. AIRPORT OPERATING REQUIREMENTS

ILM is an active commercial service airport operating continuously. Work shall be coordinated to minimize interference with aircraft, airline, passenger, baggage, security, and other Airport operations. Certain maintenance may be required during periods of reduced airline activity.

31. AUTHORITY RIGHTS

The Authority reserves the right to reject any or all proposals; waive informalities; request additional information; conduct interviews; verify references; negotiate; modify the schedule; cancel the solicitation; award all or a portion of services; add or remove equipment; and make an award in the Authority's best interests.

32. QUESTIONS

Questions shall be submitted in writing electronically to Robert Campbell via Email: rcampbell@flyilm.com and shall include **"ILM RFQ for PBB and BHS Question"** in the subject line. Questions must be received no later than Friday, August 21, 2026 at 5:00 PM ET. Responses to material questions are anticipated to be issued by written addendum no later than Friday, August 28, 2026.

EXHIBIT A – EQUIPMENT INVENTORY

Passenger Boarding Bridges – Total: Nine (9)

Baggage Handling Systems – Total: Two (2)

Equipment/ Serial	Gate/Location	Manufacturer	Model	Mfr. Year	Notes
PBB #28283	1	JBT	A3 72/150-125R	2022	GPU: Jet Power Model JTP3-90kVA/28VDC PCA: Jet Aire Model SJ-115-4
PBB #05337TB4133170	2	ThyssenKrupp	TB41/19.5-3	2019	GPU: ITW GSE Model 2400 Bridge Mount PCA: ITW GSE Model 3400 Bridge Mount
PBB #05171TB4131501	3	ThyssenKrupp	TB41/19.5-3	2009	GPU: ITW GSE Model 2400 Bridge Mount (2022) PCA: Trilecon Model POU300 (2009)
PBB #05337TB3732091	4	ThyssenKrupp	TB37/18.5-3	2018	GPU: Hobart PowerMaster ADV PCA: Cavotec Model PDX 60
PBB #05237TB3731688	5	ThyssenKrupp	TB37/18.5-3	2012	GPU: GPU: Hobart PowerMaster ADV PCA: Trilecon Model POU300 (??)
PBB #05337TB4133165	6	ThyssenKrupp	TB41/19.5-3	2019	GPU: ITW GSE Model 2400 Bridge Mount PCA: ITW GSE Model 3400 Bridge Mount
PBB #34598	7	JBT	A3 72/150-125R	2020	GPU: Jet Power Model JTP3-90kVA/28VDC PCA: Jet Aire Model SJ-115-4
PBB #28284	8	JBT	A3 68/141-125R	2022	GPU: Jet Power Model JTP3-90kVA/28VDC PCA: Jet Aire Model SJ-115-4
PBB #34597	9	JBT	A3 64/131-125R	2020	GPU: Jet Power Model JTP3-90kVA/28VDC PCA: Jet Aire Model SJ-115-4
BHS	Outbound	Logan Teleflex/ Intellimodus, LLC	480VAC, 3 PH 3 HP Max	2018	3 belts merged upstream of TSA screening operations; single incline plate make-up device
BHS	Inbound	Pteris Global USA	480/120VAC, 3 PH 5 HP Max	2021	2 claim devices, each feed by their own bag line and MCP

Baggage Handling System: A detailed inventory of conveyor equipment, baggage claim devices, motors, controls, PLC equipment, and related systems may be provided by the Authority upon request.

EXHIBIT B – PROPOSER REFERENCES

Reference No. 1

Airport/Organization: _____

Contact: _____

Telephone: _____

Email: _____

Services Provided: _____

Number of PBBs Maintained: _____

BHS Scope: _____

Contract Period: _____

Reference No. 2

Airport/Organization: _____

Contact: _____

Telephone: _____

Email: _____

Services Provided: _____

Number of PBBs Maintained: _____

BHS Scope: _____

Contract Period: _____

Reference No. 3

Airport/Organization: _____

Contact: _____

Telephone: _____

Email: _____

Services Provided: _____

Number of PBBs Maintained: _____

BHS Scope: _____

Contract Period: _____

EXHIBIT C – PRICE PROPOSAL FORM

Year 1 Fixed Costs	
PBB Preventative Maintenance	\$ _____
BHS Preventative Maintenance	\$ _____
Total Year 1 Fixed Costs	\$ _____
Year 2 Fixed Costs	
PBB Preventative Maintenance	\$ _____
BHS Preventative Maintenance	\$ _____
Total Year 3 Fixed Costs	\$ _____
Year 3 Fixed Costs	
PBB Preventative Maintenance	\$ _____
BHS Preventative Maintenance	\$ _____
Total Year 3 Fixed Costs	\$ _____
Fixed Cost Value of 3 Year Contract	\$ _____
Year 4 Extension Fixed Costs (Optional)	
PBB Preventative Maintenance (Optional)	\$ _____
BHS Preventative Maintenance (Optional)	\$ _____
Total Year 4 Fixed Costs (Optional)	\$ _____
Year 5 Extension Fixed Costs (Optional)	
PBB Preventative Maintenance (Optional)	\$ _____
BHS Preventative Maintenance (Optional)	\$ _____
Total Year 5 Fixed Costs (Optional)	\$ _____

Standard Rates (As Appropriate for Team Proposed)	
Project Manager	\$ _____ / Hr
Senior Technician	\$ _____ / Hr
Standard Technician	\$ _____ / Hr
Controls/ PLC Technician	\$ _____ / Hr
Other _____	\$ _____ / Hr
Other _____	\$ _____ / Hr
Overtime Rates (As Appropriate for Team Proposed)	
Project Manager	\$ _____ / Hr
Senior Technician	\$ _____ / Hr
Standard Technician	\$ _____ / Hr
Controls/ PLC Technician	\$ _____ / Hr
Other _____	\$ _____ / Hr
Other _____	\$ _____ / Hr
Emergency Rates (As Appropriate for Team Proposed)	
Project Manager	\$ _____ / Hr
Senior Technician	\$ _____ / Hr
Standard Technician	\$ _____ / Hr
Controls/ PLC Technician	\$ _____ / Hr
Other _____	\$ _____ / Hr
Other _____	\$ _____ / Hr
Parts Markup Over Documented Cost	_____ %
Travel Costs (As Appropriate)	
Travel Time Rate	_____
Milage Rate	\$ _____
Other Travel Expenses (Explain)	_____

EXHIBIT D – RECENT EVALUATION REPORT OF EXISTING PBBS

The attached EXHIBIT D is offered for informational purposes only and may be used to provide a general idea of the condition of existing PBBs. The Report covers only the ThyssenKrupp brand PBBs in service, which have been installed over a roughly 20-year period. Any recommended actions identified in the report are outside of the scope of this RFP and shall not be included in the Pricing Portion of this RFP process.

TK Airport Solutions, Inc.

Assessment report



TKAS Project Name & Number: 7570000319

Airport: ILM

Gate: 2

Date of the report: 05/06/2026

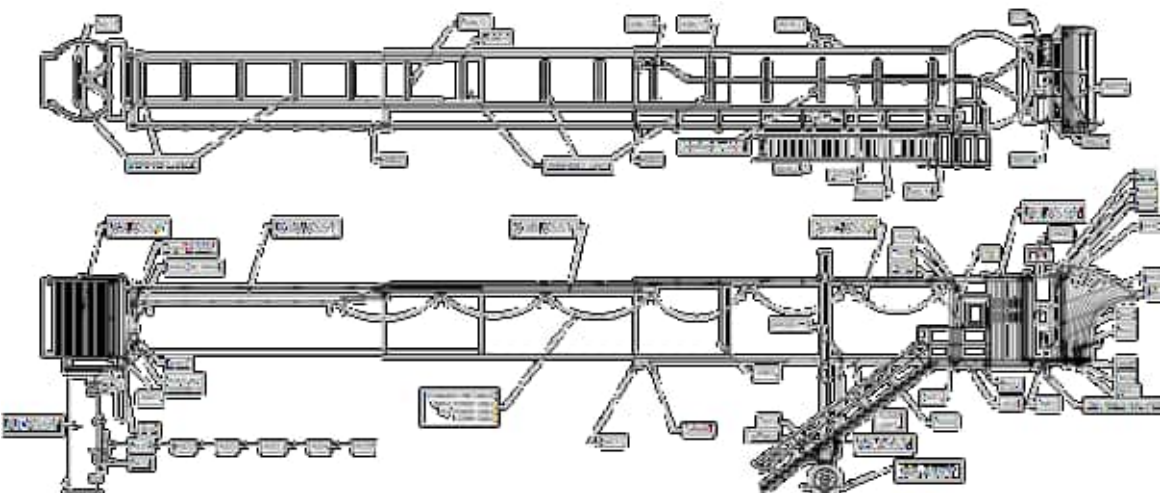
Type of assessment: L3

Summary

1. PBB information

GATE #	MODEL	SERIAL NUMBER
2	TB41/19.5-3	05337TB4133170

Below example of a TKAS Passenger boarding bridge 3 tunnels



Report

2. Technical

Column A1

Picture	Comments
	Recommend cleaning of the column base and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.

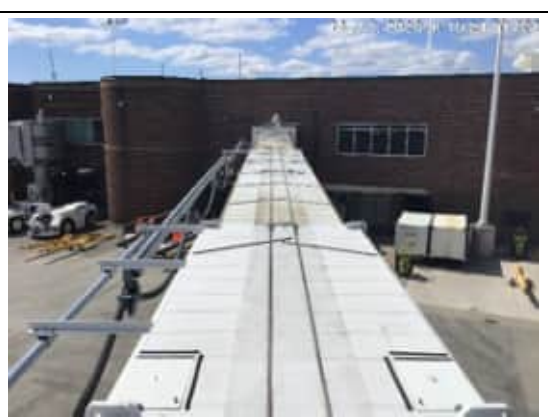
Rotunda A2

Picture	Comments
	Satisfactory - No issues identified

		Secure fabric cover.
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Tunnels A3

Picture	Comments
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.
	Satisfactory - No issues identified
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.
	Clean yellow gutters and roller guide on tunnels B & C.

Fix Cab. A3

Picture	Comments
	Satisfactory - No issues identified

 May 5, 2026 at 10:15:17 AM	Satisfactory - No issues identified
 May 5, 2026 at 10:15:09 AM	Satisfactory - No issues identified
 May 5, 2026 at 10:14:21 AM	Satisfactory - No issues identified
 May 5, 2026 at 10:21:11 AM	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

Rotating cab A4

Picture	Comments
	RH rotating cab site wall damaged and requires repairs.
	No Cab Safety kits installed. Kit shipped and delivered on 6/17/2025 with FedEx Tracking ID:881920167645
	Satisfactory - No issues identified

	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified

	Satisfactory - No issues identified
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Elevation Unit A5

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified

	Satisfactory - No issues identified
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Bogey Wheel A6

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified

	Satisfactory - No issues identified
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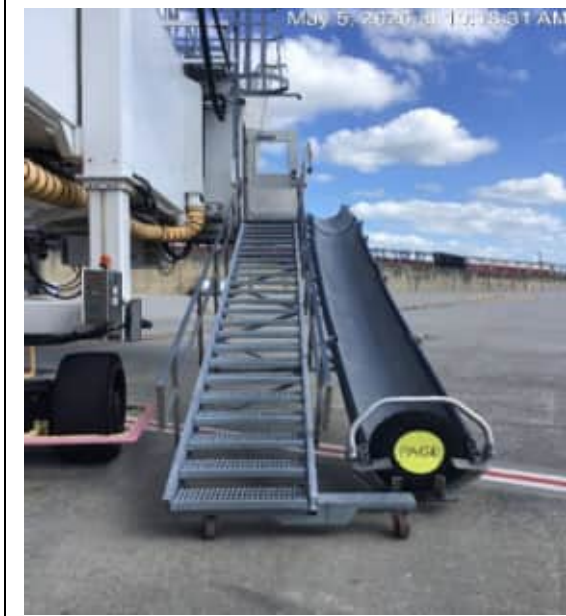
Control System

Picture	Comments
	Satisfactory - No issues identified
	CC1 door switch interlock has been removed. Recommend to fix/reinstall.

	Obsolescence Notice: VFDs used for horizontal drive are discontinued. New VFD replacement TKAS P#: <u>75-000000025520424</u>
	Satisfactory - No issues identified

Landing and Stair

Picture



Comments

Satisfactory - No issues identified

Extra comments

Picture



Comments

CCTV System.

Satisfactory - No issues identified

Link to download all pictures:

<https://fileexchange.tkelevator.com/message/QoJqLfGjGIONMXIqEyNY8S>

Note:

Inspection checklist included in this report.

TK Airport Solutions, Inc.

Alfio Zappalà

Director of Field Services

M: +1 (817) 822-2716. alfio.zappala@tkelevator.com

TKAS Passenger Boarding Bridge Inspection



Airport:		ILM		N/A	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Inspection Scope:	FULL LEVEL 3	
Gate:	2	SN:	05337TB4133170									Owner:	ILM	
Date:	5/5/2026	Mfr:	TKAS									Contact:	Keaghon Stark, ACE	
Inspector:	Alfio Zappala											Phone:	(Mobile) (631) 902-2900	
Rotunda/Column												Description/Notes:		
Item	1 Exterior													
1.1	Column: Grouting/Baseplate/Bolts			☐	☒	☐	☐	☐	☐	☐	☐			
1.2	Electrical: Disconnects/Conduit			☐	☒	☐	☐	☐	☐	☐	☐			
1.3	Surfaces: Paint/Weathering, Rust, Damage			☐	☒	☐	☐	☐	☐	☐	☐			
1.4	Building Seals/Flashing			☐	☒	☐	☐	☐	☐	☐	☐			
1.5	Swing Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.6	Mechanical Stops			☒	☐	☐	☐	☐	☐	☐	☐			
1.7	Curtains: Guides/Rails			☐	☒	☐	☐	☐	☐	☐	☐			
1.8	Curtains: Rollers/Tensioners/Chains			☐	☒	☐	☐	☐	☐	☐	☐			
1.9	Rotunda/Tunnel A Alignment & bellow			☐	☒	☐	☐	☐	☐	☐	☐			
1.10	Roof Panel Paint/Weathering, Rust, Damage			☐	☒	☐	☐	☐	☐	☐	☐			
1.11	Bearing			☐	☒	☐	☐	☐	☐	☐	☐			
1.12	Column/Rotunda Bolts connection			☐	☒	☐	☐	☐	☐	☐	☐			
1.13	Sub Floor and tubing			☐	☒	☐	☐	☐	☐	☐	☐			
1.14	Slope Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.15	Hinge Pins/Shims/kipppers			☐	☒	☐	☐	☐	☐	☐	☐			

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Rotunda									
Item	2 Interior									Description/Notes:
2.1	Terminal Door: Operation/Security	☐	☒	☐	☐	☐	☐	☐	☐	
2.2	Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.3	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
2.4	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
2.5	Carpeting	☐	☒	☐	☐	☐	☐	☐	☐	
2.6	Side wall panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.7	Curtain: Tension/Slats/Glass/Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.8	Ceiling panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.9	Exhaust Fan	☐	☒	☒	☐	☐	☐	☐	☐	Clean grille
2.10	Ramps: Operation/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
2.11	Floor Access Panel	☒	☐	☐	☐	☐	☐	☐	☐	
2.12	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	3 Exterior									Description/Notes:
3.1	Side Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.2	Roof Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.3	Floor Panels:Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.4	Electrical: Conduit/Cable	☐	☒	☐	☐	☐	☐	☐	☐	
3.5	Electrical: J-Boxes	☐	☒	☐	☐	☐	☐	☐	☐	
3.6	Lighting	☐	☒	☐	☐	☐	☐	☐	☐	
3.7	Ext/Ret Limits/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
3.8	Equalizing Cables/Sheaves/Pullyes	☐	☒	☐	☐	☐	☐	☐	☐	
3.9	CCTV Camera	☐	☒	☐	☐	☐	☐	☐	☐	
3.10	Rollers & Rails (Upper/Lower angles)	☐	☒	☐	☐	☐	☐	☐	☐	
3.11	Roller Access Covers	☐	☒	☐	☐	☐	☐	☐	☐	
3.12	Cable Carrier System	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	4 Interior									Description/Notes:
4.1	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☒	☐	☐	One light on tunnel B NOP
4.2	Emergency Lighting	☒	☐	☐	☐	☐	☐	☐	☐	No Emergency lights
4.3	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	
4.4	Ramps: Terminal/Rotunda/Tunnels	☐	☒	☐	☐	☐	☐	☐	☐	
4.5	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
4.6	Carpet/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
4.7	Handrails	☐	☒	☐	☐	☐	☐	☐	☐	
4.8	Walls	☐	☒	☐	☐	☐	☐	☐	☐	
4.9	Ceiling	☐	☒	☐	☐	☐	☐	☐	☐	
4.10	Tunnel Seals	☐	☒	☐	☐	☐	☐	☐	☐	
4.11	Gutters/Drains	☐	☐	☒	☐	☐	☐	☐	☐	
4.12	Rollers & Rails	☐	☒	☒	☐	☐	☐	☐	☐	
4.13	Baseboard Heaters	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	5 Exterior									Description/Notes:
5.1	Curtains: Slats/Glass/Wear Guides	☐	☒	☐	☐	☐	☐	☐	☐	
5.2	Curtain: Rollers/Tensioners/Covers	☐	☒	☐	☐	☐	☐	☐	☐	
5.3	Curtains: Chain/Sprockets/Tensioners	☐	☒	☐	☐	☐	☐	☐	☐	
5.4	Rotation Motor: gearbox/Sprockets	☐	☒	☐	☐	☐	☐	☐	☐	
5.5	Cab Drive Chain/Idler Sprockets	☐	☒	☐	☐	☐	☐	☐	☐	
5.6	Limit Switch/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
5.7	Subfloor & Structural tubing	☐	☒	☐	☐	☐	☐	☐	☐	
5.8	Transducers (Cab. angle-Aircraft pres).	☐	☒	☐	☐	☐	☐	☐	☐	
5.9	Electrical: J-Boxes/Plugs/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
5.10	Floodlights	☐	☒	☐	☐	☐	☐	☐	☐	
5.11	Alarms: Bell/Horn/Beacon	☐	☒	☐	☐	☐	☐	☐	☐	
5.12	Height Sensor	☐	☒	☐	☐	☐	☐	☐	☐	
5.13	Pivot Bearings: Upper/Lower	☐	☒	☐	☐	☐	☐	☐	☐	
5.14	Tie rods	☐	☒	☐	☒	☐	☐	☐	☐	Safety kit not installed (Contact TKAS ASAP)
5.15	Gate Sign	☐	☒	☐	☐	☐	☐	☐	☐	
5.16	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
5.17	Roof Panels	☐	☒	☐	☐	☐	☐	☐	☐	
5.18	Canopy Hood	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	6 Interior									Description/Notes:
6.1	Curtains: Slats/Glass/Tension	☐	☒	☐	☐	☐	☐	☐	☐	
6.2	Curtain Seals	☐	☒	☐	☐	☐	☐	☐	☐	
6.3	Side Panels/Glass	☐	☐	☐	☐	☐	☒	☐	☐	RH rotating cab site wall damaged and requires repairs.
6.4	Ceiling/trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.5	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
6.6	Floor: Rubber Mat/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.7	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
6.8	Weather Door: Roll Up/Double Door	☐	☒	☐	☐	☐	☐	☐	☐	
6.9	Service Door and lockset	☐	☒	☐	☐	☐	☐	☐	☐	
6.10	Vent Fan	☒	☐	☐	☐	☐	☐	☐	☐	
6.11	Fire Extinguisher	☒	☐	☐	☐	☐	☐	☐	☐	
6.12	Smoke Detector	☐	☒	☐	☐	☐	☐	☐	☐	
6.13	Data Plates	☐	☒	☐	☐	☐	☐	☐	☐	
6.14	Operator Controll	☐	☒	☐	☐	☐	☐	☐	☐	
6.15	CCTV System	☐	☒	☐	☐	☐	☐	☐	☐	
6.16	Electrical Cabinets	☐	☒	☒	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	7 Canopy									
7.1	Canopy fabric	☐	☒	☐	☐	☐	☐	☐	☐	
7.2	Spring Arms	☐	☒	☐	☐	☐	☐	☐	☐	
7.3	Actuator/Straps	☐	☒	☐	☐	☐	☐	☐	☐	
7.4	Adaptors	☒	☐	☐	☐	☐	☐	☐	☐	
7.5	Aircraft Bumpers	☐	☒	☐	☐	☐	☐	☐	☐	
7.6	Canopy Operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	8 Auto Level									
8.1	Mounting/assembly	☐	☒	☐	☐	☐	☐	☐	☐	
8.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
8.3	Arm	☐	☒	☐	☐	☐	☐	☐	☐	
8.4	Wheel/Switch	☐	☒	☐	☐	☐	☐	☐	☐	
8.5	Auto Level operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	9 ACF									
9.1	Mounting/assembly	☐	☒	☐	☐	☐	☐	☐	☐	
9.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
9.3	Functionality: Manual/Auto	☐	☒	☐	☐	☐	☐	☐	☐	
9.4	Limit Switch	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Wheel Bogey/Elevation Assembly	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	10 Wheel bogey									
10.1	Tires: Pressure/Wear/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	Solid tires
10.2	Drive: Chains/Gearboxes	☐	☒	☐	☐	☐	☐	☐	☐	No chains
10.3	Drive Motors	☐	☒	☐	☐	☐	☐	☐	☐	
10.4	Rotex Bearing/pedestal/casting	☐	☒	☐	☐	☐	☐	☐	☐	
10.5	Limits: Prox/Switches/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
10.6	Electrical: J-Boxes/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
Item	11 Elevation									
11.1	HPU: Motor/Valves/Fluid/Lines	☐	☒	☐	☐	☐	☐	☐	☐	
11.2	Lift Tubes/Wear Plates/Rust Damage	☐	☒	☐	☐	☐	☐	☐	☐	
11.3	Lift Motors/Ball Screws/Wiring	☒	☐	☐	☐	☐	☐	☐	☐	
11.4	Cylinders: Fittings/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
11.5	Limits: Prox/Switches/Targets	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	12 Extra									Description/Notes:
12.1	Safety Shoe	☐	☒	☐	☐	☐	☐	☐	☐	
12.2	E-Stops	☐	☒	☐	☐	☐	☐	☐	☐	
12.3	Control System	☐	☒	☐	☐	☐	☐	☐	☐	
12.4	Landing & Service stair	☐	☒	☐	☐	☐	☐	☐	☐	
12.5		☐	☐	☐	☐	☐	☐	☐	☐	
12.6		☐	☐	☐	☐	☐	☐	☐	☐	
12.7		☐	☐	☐	☐	☐	☐	☐	☐	
12.8		☐	☐	☐	☐	☐	☐	☐	☐	
12.9		☐	☐	☐	☐	☐	☐	☐	☐	
12.10		☐	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection

General observations & Notes

1- Recommend to a full exterior power washing

2- Recommend to perform a full interior deep cleaning.

3- Correct item 4.1. One light on tunnel B NOP

4- Correct item 6.3. RH rotating cab site wall damaged and requires repairs.

TK Airport Solutions, Inc.

Assessment report



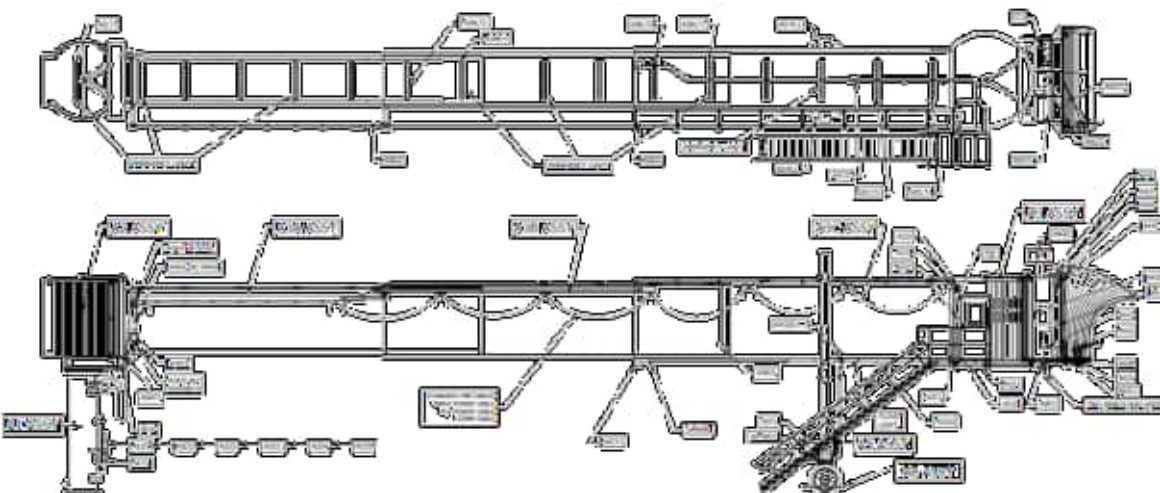
TKAS Project Name & Number: 7570000319
Airport: ILM
Gate: 3
Date of the report: 08/05/2026
Type of assessment: L3

Summary

1. PBB information

GATE #	MODEL	SERIAL NUMBER
3	TB41/19.5-3	05171TB4131501

Below example of a TKAS Passenger boarding bridge 3 tunnels



Report

2. Technical _____

WW & Haunch

Picture	Comments
	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.



- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation.
- Recommended a full exterior anti-corrosion treatment and coating paint.



	Signs of water intrusion, recommended a full exterior anti-corrosion treatment, sealing and coating paint.
---	---

Column A1

Picture	Comments
	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.

	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
--	--

Rotunda A2

Picture	Comments
	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.



- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation.
- Recommended a full exterior anti-corrosion treatment and coating paint.



Secure fabric cover.

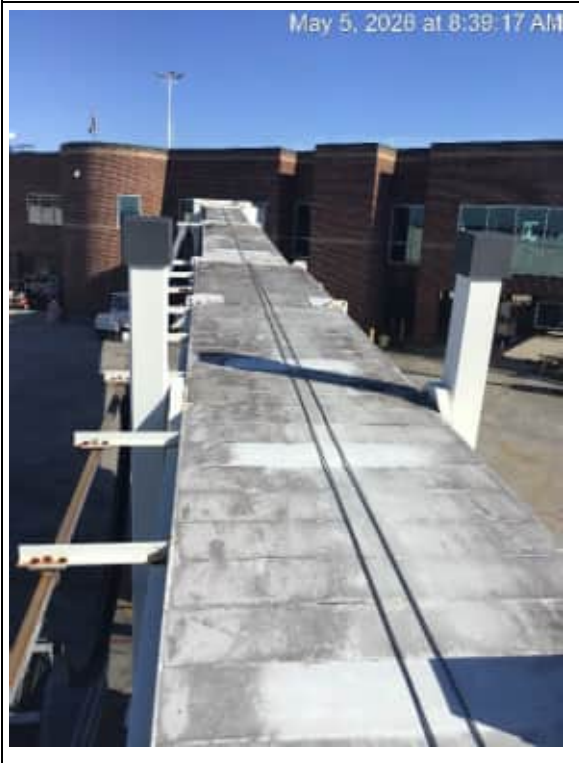
	Clean and degrease mechanical parts
---	-------------------------------------

Tunnels A3

Picture	Comments
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.

	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	Replace all trolley bearing and hardware.
	Recommended a full exterior anti-corrosion treatment and coating paint.

	Recommended a full exterior anti-corrosion treatment and coating paint.
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	Install missing covers and properly secured.
	Recommended a full exterior anti-corrosion treatment and coating paint.

	- Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Roof Tie off cable should no longer be used due to the high corrosion of the connecting pulley - Recommend exterior power wash to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Missing roof water diverters.

	- Missing roof water diverters.
	- Recommended anti-corrosion treatment and coating paint.
	Damaged and missing wallboards. This damage seems to be caused by water intrusion, recommended a full exterior anti-corrosion treatment and coating paint.

	-Damage wallboard and inserts -Clean yellow gutters and side guide
	Damage wallboard and inserts
	Damaged and missing wallboards. This damage seems to be caused by water intrusion, recommended a full exterior anti-corrosion treatment and coating paint.
	Damaged wallboards. This damage seems to be caused by water intrusion, recommended a full exterior anti-corrosion treatment and coating paint.

Fix Cab. A3

Picture	Comments
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.

Rotating cab A4

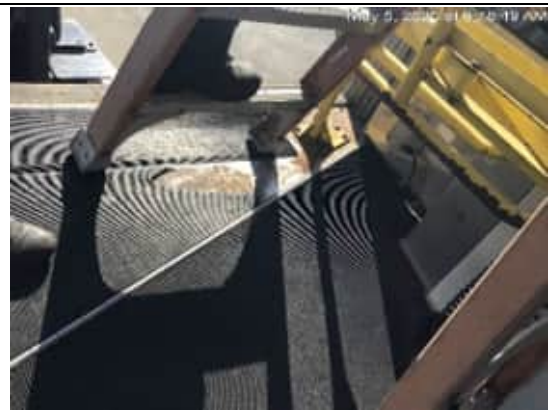
Picture	Comments
	No Cab Safety kits installed. Kit shipped and delivered on 6/17/2025 with FedEx Tracking ID:881920167645
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Canopy not operational, recommended replacement.



LH door leaf shows signs of damage on the upper hinge. Recommending to fix as soon as possible.



The canopy has significant tearing and should be replaced

	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Missing ribbed rubber
	Doors not properly operating

	LH Upper hinge is loose or damaged.
---	-------------------------------------

Elevation A5

Picture	Comments
	Clean and degrease Hydraulic power unit and lines.
	Clean and degrease Hydraulic power unit and lines.

Bogey Wheel A6

Picture	Comments
 A close-up photograph of a bogey wheel assembly. The image shows a dark, cylindrical component, likely a wheel or a part of the bogey, with some mechanical parts visible. The timestamp "May 5, 2026 at 8:34:59 AM" is visible in the top right corner.	Clean and degrease
 A close-up photograph of a bogey wheel assembly, similar to the first image, showing the dark cylindrical component and surrounding mechanical parts. The timestamp "May 5, 2026 at 8:34:59 AM" is visible in the top right corner.	Clean and degrease
 A photograph showing a bogey wheel assembly mounted on a vehicle. The wheel is dark and appears to be in good condition. The timestamp "May 5, 2026 at 8:35:12 AM" is visible in the top right corner.	Satisfactory - No issues identified
 A photograph showing a bogey wheel assembly mounted on a vehicle, similar to the previous image. The wheel is dark and appears to be in good condition. The timestamp "May 5, 2026 at 8:35:12 AM" is visible in the top right corner.	Satisfactory - No issues identified

Control System

Picture	Comments
	Obsolescence Notice: Control system obsolete
	Obsolescence Notice: Control system obsolete
	Obsolescence Notice: VFDs used for horizontal drive are discontinued. New VFD replacement TKAS P#: 75-000000025520424



Obsolescence Notice:

PLC obsolete, recommended upgrade to ensure parts availability and support to maintain PBB operation.

Landing and Stair

Picture

Comments



Satisfactory - No issues identified

Link to download all pictures

<https://fileexchange.tkelevator.com/message/QoJqLfGjGIONMXIqEyNY8S>

Note:

Inspection checklist included in this report.

TK Airport Solutions, Inc.

Alfio Zappalà

Director of Field Services

-

M: +1 (817) 822-2716. alfio.zappala@tkelevator.com

TKAS Passenger Boarding Bridge Inspection



Airport:		ILM		N/A	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Inspection Scope:	FULL LEVEL 3	
Gate:	3	SN:	05171TB4131501									Owner:	ILM	
Date:	5/5/2026	Mfr:	TKAS									Contact:	Keaghon Stark, ACE	
Inspector:	Alfio Zappala											Phone:	(Mobile) (631) 902-2900	
Rotunda/Column												Description/Notes:		
Item	1 Exterior													
1.1	Column: Grouting/Baseplate/Bolts			☐	☒	☐	☐	☐	☐	☐	☐			
1.2	Electrical: Disconnects/Conduit			☐	☒	☐	☐	☐	☐	☐	☐			
1.3	Surfaces: Paint/Weathering, Rust, Damage			☐	☐	☒	☐	☐	☐	☒	☐	Power wash and repaint		
1.4	Building Seals/Flashing			☐	☒	☐	☐	☐	☐	☐	☐			
1.5	Swing Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.6	Mechanical Stops			☒	☐	☐	☐	☐	☐	☐	☐			
1.7	Curtains: Guides/Rails			☐	☒	☐	☐	☐	☐	☐	☐			
1.8	Curtains: Rollers/Tensioners/Chains			☐	☒	☐	☐	☐	☐	☐	☐			
1.9	Rotunda/Tunnel A Alignment & bellow			☐	☒	☐	☐	☐	☐	☐	☐			
1.10	Roof Panel Paint/Weathering, Rust, Damage			☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint		
1.11	Bearing			☐	☒	☐	☐	☐	☐	☐	☐			
1.12	Column/Rotunda Bolts connection			☐	☒	☐	☐	☐	☐	☐	☐			
1.13	Sub Floor and tubing			☐	☒	☐	☐	☐	☐	☐	☐			
1.14	Slope Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.15	Hinge Pins/Shims/kipppers			☐	☒	☐	☐	☐	☐	☐	☐			

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Rotunda									
Item	2 Interior									Description/Notes:
2.1	Terminal Door: Operation/Security	☐	☒	☐	☐	☐	☐	☐	☐	
2.2	Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.3	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
2.4	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
2.5	Carpeting	☐	☐	☒	☐	☐	☐	☐	☐	
2.6	Side wall panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.7	Curtain: Tension/Slats/Glass/Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.8	Ceiling panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.9	Exhaust Fan	☐	☒	☒	☐	☐	☐	☐	☐	Clean grille
2.10	Ramps: Operation/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
2.11	Floor Access Panel	☒	☐	☐	☐	☐	☐	☐	☐	
2.12	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	3 Exterior									Description/Notes:
3.1	Side Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint
3.2	Roof Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint
3.3	Floor Panels:Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint
3.4	Electrical: Conduit/Cable	☐	☒	☐	☐	☐	☐	☐	☐	
3.5	Electrical: J-Boxes	☐	☒	☐	☐	☐	☐	☐	☐	
3.6	Lighting	☐	☒	☐	☐	☐	☐	☐	☐	
3.7	Ext/Ret Limits/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
3.8	Equalizing Cables/Sheaves/Pullyes	☐	☒	☐	☐	☐	☐	☐	☐	
3.9	CCTV Camera	☐	☒	☐	☐	☐	☐	☐	☐	
3.10	Rollers & Rails (Upper/Lower angles)	☐	☒	☐	☐	☐	☐	☐	☐	
3.11	Roller Access Covers	☐	☒	☐	☐	☐	☐	☐	☐	
3.12	Cable Carrier System	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	4 Interior									Description/Notes:
4.1	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
4.2	Emergency Lighting	☒	☐	☐	☐	☐	☐	☐	☐	No Emergency lights
4.3	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	
4.4	Ramps: Terminal/Rotunda/Tunnels	☐	☒	☐	☐	☐	☐	☐	☐	
4.5	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
4.6	Carpet/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
4.7	Handrails	☐	☒	☐	☐	☐	☐	☐	☐	
4.8	Walls	☐	☐	☒	☐	☐	☒	☐	☐	Damaged wallboards
4.9	Ceiling	☐	☒	☒	☐	☐	☐	☐	☐	
4.10	Tunnel Seals	☐	☒	☐	☐	☐	☐	☐	☐	
4.11	Gutters/Drains	☐	☐	☒	☐	☐	☐	☐	☐	
4.12	Rollers & Rails	☐	☒	☒	☐	☐	☐	☐	☐	
4.13	Baseboard Heaters	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	5 Exterior									Description/Notes:
5.1	Curtains: Slats/Glass/Wear Guides	☐	☒	☐	☐	☐	☐	☐	☐	
5.2	Curtain: Rollers/Tensioners/Covers	☐	☒	☐	☐	☐	☐	☐	☐	
5.3	Curtains: Chain/Sprockets/Tensioners	☐	☒	☐	☐	☐	☐	☐	☐	
5.4	Rotation Motor: gearbox/Sprockets	☐	☒	☒	☐	☐	☐	☐	☐	
5.5	Cab Drive Chain/Idler Sprockets	☐	☒	☒	☐	☐	☐	☐	☐	
5.6	Limit Switch/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
5.7	Subfloor & Structural tubing	☐	☒	☒	☐	☐	☐	☒	☐	
5.8	Transducers (Cab. angle-Aircraft pres).	☐	☐	☐	☐	☒	☐	☐	☐	Cab angle not operational
5.9	Electrical: J-Boxes/Plugs/Cables	☐	☒	☐	☒	☐	☐	☐	☐	Open J-boxes
5.10	Floodlights	☐	☒	☐	☐	☐	☐	☐	☐	
5.11	Alarms: Bell/Horn/Beacon	☐	☒	☐	☐	☐	☐	☐	☐	
5.12	Height Sensor	☐	☒	☐	☐	☐	☐	☐	☐	
5.13	Pivot Bearings: Upper/Lower	☐	☒	☐	☐	☐	☐	☐	☐	
5.14	Tie rods	☐	☒	☐	☒	☐	☐	☐	☐	Safety kit not installed (Contact TKAS ASAP)
5.15	Gate Sign	☐	☒	☐	☐	☐	☐	☐	☐	
5.16	Side Panels/Glass	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint
5.17	Roof Panels	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint
5.18	Canopy Hood	☐	☒	☒	☐	☐	☐	☒	☐	Power wash and repaint

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	6 Interior									Description/Notes:
6.1	Curtains: Slats/Glass/Tension	☐	☒	☐	☐	☐	☐	☐	☐	
6.2	Curtain Seals	☐	☒	☐	☐	☐	☐	☐	☐	
6.3	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
6.4	Ceiling/trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.5	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
6.6	Floor: Rubber Mat/Trim	☐	☐	☐	☐	☒	☒	☐	☐	Missing/damaged flooring on the outside cab.
6.7	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
6.8	Weather Door: Roll Up/Double Door	☐	☒	☐	☒	☐	☒	☐	☐	LH Leaf shows some damage to the hinges
6.9	Service Door and lockset	☐	☒	☐	☐	☐	☐	☐	☐	
6.10	Vent Fan	☒	☐	☐	☐	☐	☐	☐	☐	
6.11	Fire Extinguisher	☒	☐	☐	☐	☐	☐	☐	☐	
6.12	Smoke Detector	☐	☒	☐	☐	☐	☐	☐	☐	
6.13	Data Plates	☐	☒	☐	☐	☐	☐	☐	☐	
6.14	Operator Controll	☐	☐	☐	☐	☒	☐	☐	☐	Obsolite components
6.15	CCTV System	☐	☒	☐	☐	☐	☐	☐	☐	
6.16	Electrical Cabinets	☐	☐	☒	☐	☒	☐	☐	☐	Obsolite components

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	7 Canopy									
7.1	Canopy fabric					✓				
7.2	Spring Arms		✓							
7.3	Actuator/Straps		✓							
7.4	Adaptors	✓								
7.5	Aircraft Bumpers		✓							
7.6	Canopy Operation									Canopy not operational
Item	8 Auto Level									
8.1	Mounting/assembly		✓							Replace ribbed rubber
8.2	Actuator		✓							
8.3	Arm		✓							
8.4	Wheel/Switch		✓							
8.5	Auto Level operation		✓							
Item	9 ACF									
9.1	Mounting/assembly						✓			Replace ribbed rubber
9.2	Actuator		✓							
9.3	Functionality: Manual/Auto		✓							
9.4	Limit Switch		✓							

TKAS Passenger Boarding Bridge Inspection



	Wheel Bogey/Elevation Assembly	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	10 Wheel bogey									
10.1	Tires: Pressure/Wear/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	Solid tires
10.2	Drive: Chains/Gearboxes	☐	☒	☐	☐	☐	☐	☐	☐	No chains
10.3	Drive Motors	☐	☒	☐	☐	☐	☐	☐	☐	
10.4	Rotex Bearing/pedestal/casting	☐	☒	☒	☐	☐	☐	☐	☐	
10.5	Limits: Prox/Switches/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
10.6	Electrical: J-Boxes/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
Item	11 Elevation									
11.1	HPU: Motor/Valves/Fluid/Lines	☐	☒	☒	☐	☐	☐	☐	☐	
11.2	Lift Tubes/Wear Plates/Rust Damage	☐	☒	☒	☐	☐	☐	☒	☐	
11.3	Lift Motors/Ball Screws/Wiring	☒	☐	☐	☐	☐	☐	☐	☐	
11.4	Cylinders: Fittings/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
11.5	Limits: Prox/Switches/Targets	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	12 Extra									Description/Notes:
12.1	Safety Shoe	✓								
12.2	E-Stops		✓							
12.3	Control System		✓							Obsolite components
12.4	Landing & Service stair		✓							
12.5										
12.6										
12.7										
12.8										
12.9										
12.10										

TKAS Passenger Boarding Bridge Inspection

General observations & Notes

1- Recommend to a full exterior power washing

2- Recommend to perform a full interior deep cleaning.

3- Recommend full exterior anticorrosion treatment and paint

4- Recoment control system upgrade.

TK Airport Solutions, Inc.

Assessment report



TKAS Project Name & Number: 7570000319

Airport: ILM

Gate: 4

Date of the report: 5/12/2026

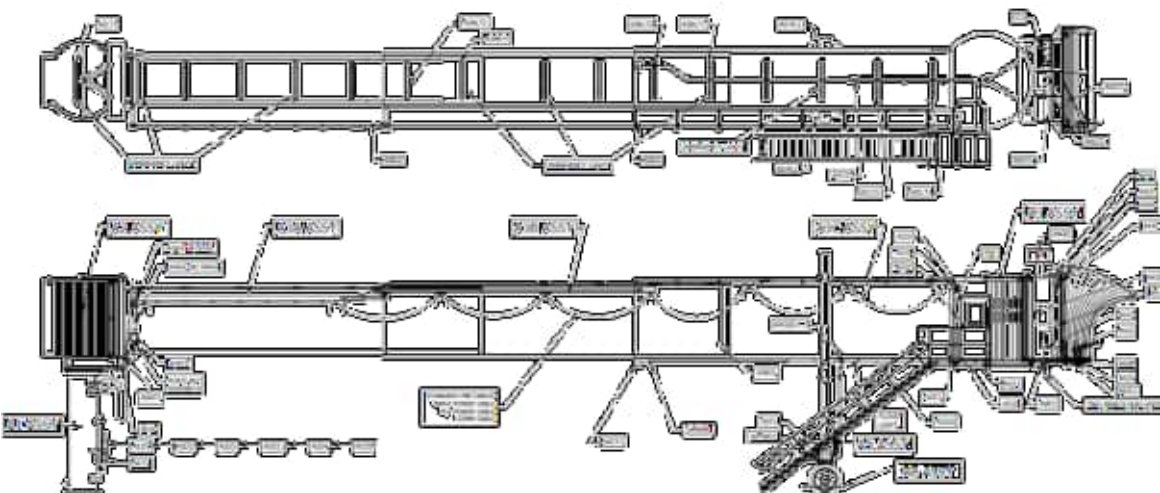
Type of assessment: L3

Summary

1. PBB information _____

GATE #	MODEL	SERIAL NUMBER
4	TB37/18.5-3	05337TB3732091

Below example of a TKAS Passenger boarding bridge 3 tunnels



Report

2. Technical _____

Column A1

Picture	Comments
	Recommend cleaning of the column base and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.
	Recommend cleaning of the column base and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.

	Recommend cleaning of the column base and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.
---	--

Rotunda A2

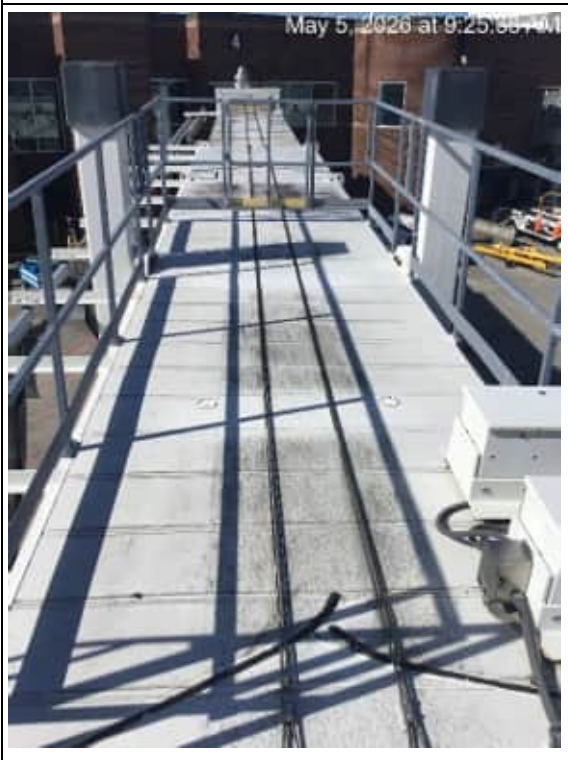
Picture	Comments
	Satisfactory - No issues identified

	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Clean grille

Tunnels A3

Picture	Comments
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.

 May 5, 2026 at 9:10:53 AM	Clean yellow gutters and roller guide on tunnels B & C.
 May 5, 2026 at 9:25:56 AM	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
 May 5, 2026 at 9:26:14 AM	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

Fix Cab. A3

Picture	Comments
	Satisfactory - No issues identified

	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified
	No Cab Safety kits installed. Kit shipped and delivered on 6/17/2025 with FedEx Tracking ID:881920167645

Rotating cab A4

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified

	Broken glass window, requires replacement
	Observation: No exterior visibility for the operator.

	Clean and repaint door leaf to maintain its finish esthetic
	Clean and repaint door leaf to maintain its finish esthetic

 May 5, 2026 at 9:12:15 AM	Auto-leveler wheel and cover improper mounted
 May 5, 2026 at 9:14:07 AM	Multiple holes in canopy fabric, recommending repairing patches to prevent further deterioration.
 May 5, 2026 at 9:14:51 AM	Multiple holes in canopy fabric, recommending repairing patches to prevent further deterioration.
 May 5, 2026 at 9:15:17 AM	Damaged canopy fabric, recommending repairing patches to prevent further deterioration.

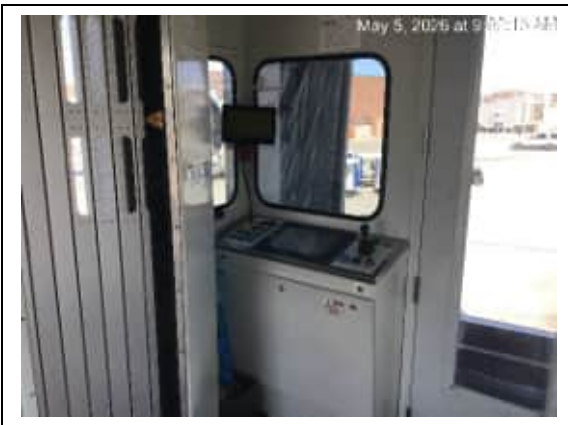
Elevation A5

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified

Bogey Wheel A6

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified

Control System

Picture	Comments
	Satisfactory - No issues identified

 May 5, 2026 at 10:05:12 AM	Satisfactory - No issues identified
 May 5, 2026 at 10:05:12 AM	Satisfactory - No issues identified
 May 5, 2026 at 9:20:47 AM	Obsolescence Notice: VFDs used for horizontal drive are discontinued. New VFD replacement TKAS P#: <u>75-000000025520424</u>

	Satisfactory - No issues identified
--	-------------------------------------

Landing and Stair

Picture	Comments
	Satisfactory - No issues identified

Extra comments

Picture	Comments
	Satisfactory - No issues identified

Link to download all pictures
<https://fileexchange.tkelevator.com/message/QoJqLfGjGI0NMXIqEyNY8S>

Note:
Inspection checklist included in this report.

TK Airport Solutions, Inc.

Alfio Zappalà
Director of Field Services

-
M: +1 (817) 822-2716, alfio.zappala@tkelevator.com

TKAS Passenger Boarding Bridge Inspection



Airport:		ILM		N/A	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Inspection Scope:	FULL LEVEL 3	
Gate:	4	SN:	05337TB3732091									Owner:	ILM	
Date:	5/5/2026	Mfr:	TKAS									Contact:	Keaghon Stark, ACE	
Inspector:	Alfio Zappala											Phone:	(Mobile) (631) 902-2900	
Rotunda/Column												Description/Notes:		
Item	1 Exterior													
1.1	Column: Grouting/Baseplate/Bolts			☐	☒	☒	☐	☐	☐	☒	☐	Clean and touch up		
1.2	Electrical: Disconnects/Conduit			☐	☒	☐	☐	☐	☐	☐	☐			
1.3	Surfaces: Paint/Weathering, Rust, Damage			☐	☒	☐	☐	☐	☐	☐	☐			
1.4	Building Seals/Flashing			☐	☒	☐	☐	☐	☐	☐	☐			
1.5	Swing Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.6	Mechanical Stops			☒	☐	☐	☐	☐	☐	☐	☐			
1.7	Curtains: Guides/Rails			☐	☒	☐	☐	☐	☐	☐	☐			
1.8	Curtains: Rollers/Tensioners/Chains			☐	☒	☐	☐	☐	☐	☐	☐			
1.9	Rotunda/Tunnel A Alignment & bellow			☐	☒	☐	☐	☐	☐	☐	☐			
1.10	Roof Panel Paint/Weathering, Rust, Damage			☐	☒	☐	☐	☐	☐	☐	☐			
1.11	Bearing			☐	☒	☐	☐	☐	☐	☐	☐			
1.12	Column/Rotunda Bolts connection			☐	☒	☐	☐	☐	☐	☐	☐			
1.13	Sub Floor and tubing			☐	☒	☐	☐	☐	☐	☐	☐			
1.14	Slope Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.15	Hinge Pins/Shims/kipppers			☐	☒	☐	☐	☐	☐	☐	☐			

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Rotunda									
Item	2 Interior									Description/Notes:
2.1	Terminal Door: Operation/Security	☐	☒	☐	☐	☐	☐	☐	☐	
2.2	Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.3	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
2.4	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
2.5	Carpeting	☐	☒	☐	☐	☐	☐	☐	☐	
2.6	Side wall panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.7	Curtain: Tension/Slats/Glass/Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.8	Ceiling panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.9	Exhaust Fan	☐	☒	☒	☐	☐	☐	☐	☐	Clean grille
2.10	Ramps: Operation/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
2.11	Floor Access Panel	☒	☐	☐	☐	☐	☐	☐	☐	
2.12	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	3 Exterior									Description/Notes:
3.1	Side Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.2	Roof Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.3	Floor Panels:Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.4	Electrical: Conduit/Cable	☐	☒	☐	☐	☐	☐	☐	☐	
3.5	Electrical: J-Boxes	☐	☒	☐	☐	☐	☐	☐	☐	
3.6	Lighting	☐	☒	☐	☐	☐	☐	☐	☐	
3.7	Ext/Ret Limits/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
3.8	Equalizing Cables/Sheaves/Pullyes	☐	☒	☐	☐	☐	☐	☐	☐	
3.9	CCTV Camera	☐	☒	☐	☐	☐	☐	☐	☐	
3.10	Rollers & Rails (Upper/Lower angles)	☐	☒	☐	☐	☐	☐	☐	☐	
3.11	Roller Access Covers	☐	☒	☐	☐	☐	☐	☐	☐	
3.12	Cable Carrier System	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	4 Interior									Description/Notes:
4.1	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
4.2	Emergency Lighting	☒	☐	☐	☐	☐	☐	☐	☐	No Emergency lights
4.3	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	
4.4	Ramps: Terminal/Rotunda/Tunnels	☐	☒	☐	☐	☐	☐	☐	☐	
4.5	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
4.6	Carpet/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
4.7	Handrails	☐	☒	☐	☐	☐	☐	☐	☐	
4.8	Walls	☐	☒	☐	☐	☐	☐	☐	☐	
4.9	Ceiling	☐	☒	☐	☐	☐	☐	☐	☐	
4.10	Tunnel Seals	☐	☒	☐	☐	☐	☐	☐	☐	
4.11	Gutters/Drains	☐	☒	☒	☐	☐	☐	☐	☐	
4.12	Rollers & Rails	☐	☒	☒	☐	☐	☐	☐	☐	
4.13	Baseboard Heaters	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	5 Exterior									Description/Notes:
5.1	Curtains: Slats/Glass/Wear Guides	☐	☒	☐	☐	☐	☐	☐	☐	
5.2	Curtain: Rollers/Tensioners/Covers	☐	☒	☐	☐	☐	☐	☐	☐	
5.3	Curtains: Chain/Sprokets/Tensioners	☐	☒	☐	☐	☐	☐	☐	☐	
5.4	Rotation Motor: gearbox/Sprokets	☐	☒	☐	☐	☐	☐	☐	☐	
5.5	Cab Drive Chain/Idler Sprokets	☐	☒	☐	☐	☐	☐	☐	☐	
5.6	Limit Switch/Targets	☐	☒	☒	☐	☐	☐	☐	☐	
5.7	Subfloor & Structural tubing	☐	☒	☐	☐	☐	☐	☐	☐	
5.8	Transducers (Cab. angle-Aircraft pres).	☐	☒	☐	☐	☐	☐	☐	☐	
5.9	Electrical: J-Boxes/Plugs/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
5.10	Floodlights	☐	☒	☐	☐	☐	☐	☐	☐	
5.11	Alarms: Bell/Horn/Beacon	☐	☒	☐	☐	☐	☐	☐	☐	
5.12	Height Sensor	☐	☒	☐	☐	☐	☐	☐	☐	
5.13	Pivot Bearings: Upper/Lower	☐	☒	☐	☐	☐	☐	☐	☐	
5.14	Tie rods	☐	☒	☐	☒	☐	☐	☐	☐	Safety kit not installed (Contact TKAS ASAP)
5.15	Gate Sign	☐	☒	☐	☐	☐	☐	☐	☐	
5.16	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
5.17	Roof Panels	☐	☒	☐	☐	☐	☐	☐	☐	
5.18	Canopy Hood	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	6 Interior									Description/Notes:
6.1	Curtains: Slats/Glass/Tension	☐	☒	☐	☐	☐	☐	☐	☐	
6.2	Curtain Seals	☐	☒	☐	☐	☐	☐	☐	☐	
6.3	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
6.4	Ceiling/trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.5	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☒	☐	☐	Missing Lights cover lenses on both lights fixtures
6.6	Floor: Rubber Mat/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.7	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
6.8	Weather Door: Roll Up/Double Door	☐	☒	☐	☐	☐	☐	☐	☐	
6.9	Service Door and lockset	☐	☒	☐	☐	☐	☐	☐	☐	
6.10	Vent Fan	☒	☐	☐	☐	☐	☐	☐	☐	
6.11	Fire Extinguisher	☒	☐	☐	☐	☐	☐	☐	☐	
6.12	Smoke Detector	☐	☒	☐	☐	☐	☐	☐	☐	
6.13	Data Plates	☐	☒	☐	☐	☐	☐	☐	☐	
6.14	Operator Controll	☐	☒	☐	☐	☐	☐	☐	☐	
6.15	CCTV System	☐	☒	☐	☐	☐	☐	☐	☐	
6.16	Electrical Cabinets	☐	☒	☒	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	7 Canopy									
7.1	Canopy fabric	☐	☒	☐	☐	☐	☒	☐	☐	Some holes on the top section, recommending repairs
7.2	Spring Arms	☐	☒	☐	☐	☐	☐	☐	☐	
7.3	Actuator/Straps	☐	☒	☐	☐	☐	☐	☐	☐	
7.4	Adaptors	☒	☐	☐	☐	☐	☐	☐	☐	
7.5	Aircraft Bumpers	☐	☒	☐	☐	☐	☐	☐	☐	
7.6	Canopy Operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	8 Auto Level									
8.1	Mounting/assembly	☐	☒	☐	☒	☐	☐	☐	☐	Wheel switch and cover mounted reverse
8.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
8.3	Arm	☐	☒	☐	☐	☐	☐	☐	☐	
8.4	Wheel/Switch	☐	☒	☐	☐	☐	☐	☐	☐	
8.5	Auto Level operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	9 ACF									
9.1	Mounting/assembly	☐	☒	☐	☐	☐	☐	☐	☐	
9.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
9.3	Functionality: Manual/Auto	☐	☒	☐	☐	☐	☐	☐	☐	
9.4	Limit Switch	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Wheel Bogey/Elevation Assembly	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	10 Wheel bogey									
10.1	Tires: Pressure/Wear/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	Solid tires
10.2	Drive: Chains/Gearboxes	☐	☒	☐	☐	☐	☐	☐	☐	No chains
10.3	Drive Motors	☐	☒	☐	☐	☐	☐	☐	☐	
10.4	Rotex Bearing/pedestal/casting	☐	☒	☐	☐	☐	☐	☐	☐	
10.5	Limits: Prox/Switches/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
10.6	Electrical: J-Boxes/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
Item	11 Elevation									
11.1	HPU: Motor/Valves/Fluid/Lines	☐	☒	☐	☐	☐	☐	☐	☐	
11.2	Lift Tubes/Wear Plates/Rust Damage	☐	☒	☐	☐	☐	☐	☐	☐	
11.3	Lift Motors/Ball Screws/Wiring	☒	☐	☐	☐	☐	☐	☐	☐	
11.4	Cylinders: Fittings/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
11.5	Limits: Prox/Switches/Targets	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	12 Extra									
12.1	Safety Shoe	☐	☒	☐	☐	☐	☐	☐	☐	
12.2	E-Stops	☐	☒	☐	☐	☐	☐	☐	☐	
12.3	Control System	☐	☒	☐	☐	☐	☐	☐	☐	
12.4	Landing & Service stair	☐	☒	☐	☐	☐	☐	☐	☐	
12.5		☐	☐	☐	☐	☐	☐	☐	☐	
12.6		☐	☐	☐	☐	☐	☐	☐	☐	
12.7		☐	☐	☐	☐	☐	☐	☐	☐	
12.8		☐	☐	☐	☐	☐	☐	☐	☐	
12.9		☐	☐	☐	☐	☐	☐	☐	☐	
12.10		☐	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection

General observations & Notes

1- Recommend a full exterior power washing

TK Airport Solutions, Inc.

Assessment report



TKAS Project Name & Number: 7570000319

Airport: ILM

Gate: 5

Date of the report: 5/18/2026

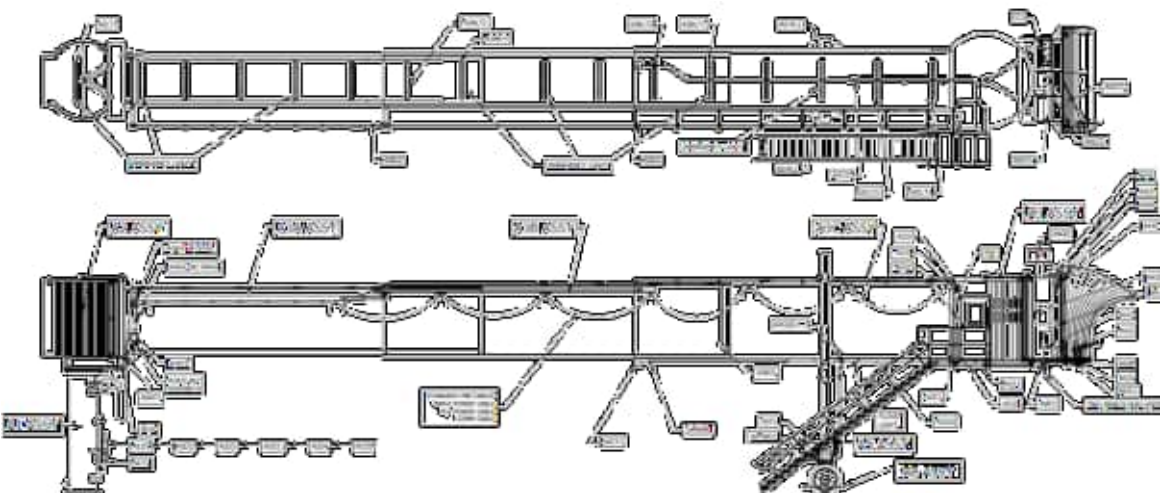
Type of assessment: L3

Summary

1. PBB information _____

GATE #	MODEL	SERIAL NUMBER
5	TB37/18.5-3	05237TB3731688

Below example of a TKAS Passenger boarding bridge 3 tunnels



Report

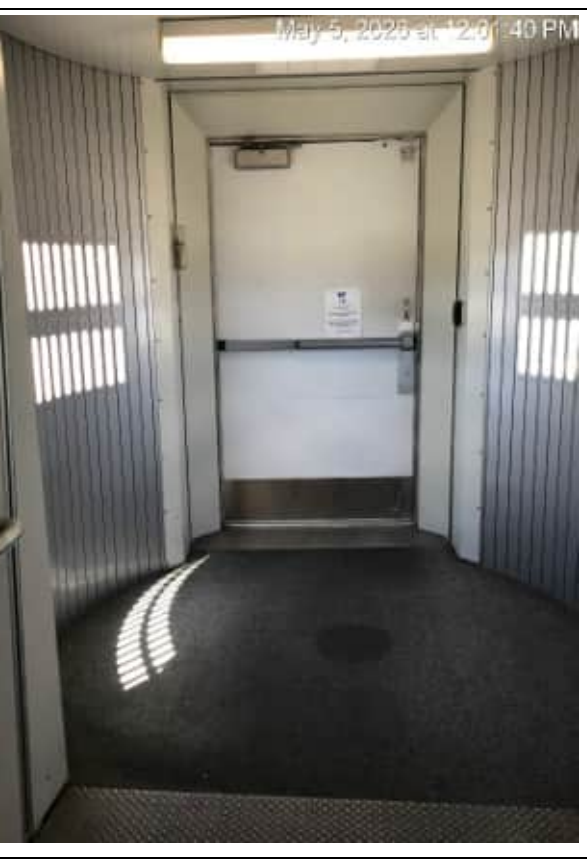
2. Technical

Column A1

Picture	Comments
	Recommended anti-corrosion treatment and coating paint.
	Recommended anti-corrosion treatment and coating paint.

Rotunda A2

Picture	Comments
	Recommended anti-corrosion treatment and coating paint.
	Recommended anti-corrosion treatment and coating paint.

	Recommended anti-corrosion treatments and paint to minimize the risk of excessive coating delamination in some areas.
	Satisfactory - No issues identified

Tunnels A3

Picture	Comments
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
	Adjust power cables through the trolley system.
	Recommended anti-corrosion treatment and coating paint.

 May 5, 2020 at 11:55:13 AM	Recommended anti-corrosion treatment and coating paint.
 May 5, 2020 at 11:54:50 AM	Recommended anti-corrosion treatment and coating paint.
 May 5, 2020 at 11:54:00 AM	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
 May 5, 2020 at 12:02:00 PM	Replace broken light lenses

	Recommended anti-corrosion treatment and coating paint.
	Recommended full interior deep cleaning (Flooring-gutters-guide-walls)

	Recommended anti-corrosion treatment and coating paint.
	Adjust/replace equalizing cables
	- Missing water diverters - Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.

	-Missing water diverters - Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.
--	---

Fix Cab. A3

Picture	Comments
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.

	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	- Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. - Recommended a full exterior anti-corrosion treatment and coating paint.

Rotating cab A4

Picture



Comments

The canopy shows significant wear and deterioration; replacement is recommended to ensure continued optimal performance

	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.



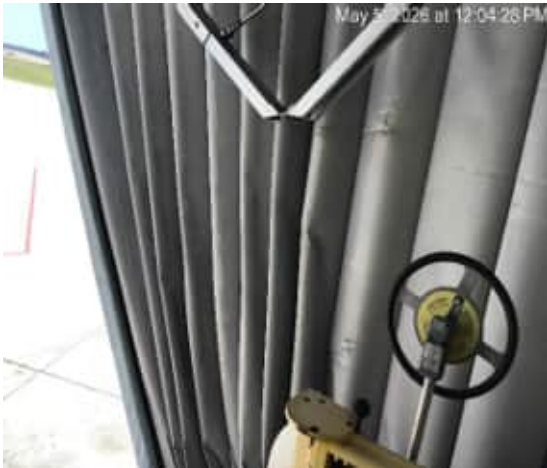
RH rotating cab site wall damaged and requires repairs.



No Cab Safety kits installed. Kit shipped and delivered on 6/17/2025 with FedEx Tracking ID:881920167645



The canopy shows significant wear and deterioration; replacement is recommended to ensure continued optimal performance

 May 5, 2025 at 12:04:28 PM	The canopy shows significant wear and deterioration; replacement is recommended to ensure continued optimal performance
 May 5, 2025 at 12:04:17 PM	The canopy shows significant wear and deterioration; replacement is recommended to ensure continued optimal performance
 May 5, 2025 at 12:04:06 PM	The canopy shows significant wear and deterioration; replacement is recommended to ensure continued optimal performance

Elevation A5

Picture	Comments
	Clean and degrease Hydraulic power unit and lines.
	Clean and degrease Hydraulic power unit and lines.
	Rusty surfaces must be repaired promptly to prevent excessive expansion and delamination.

	Clean and degrease Hydraulic power unit and lines.
---	--

Bogey Wheel A6

Picture	Comments
	Satisfactory - No issues identified
	Clean and degrease

Control System

Picture	Comments
	Obsolescence Notice: Control system obsolete
	Door safety interlock has been bypassed. Immediate corrective action is strongly recommended
	Obsolescence Notice: VFDs used for horizontal drive are discontinued. New VFD replacement TKAS P#: <u>75-000000025520424</u>



Obsolescence Notice:

PLC obsolete, recommended upgrade to ensure parts availability and support to maintain PBB operation.



Door safety interlock has been bypassed. Immediate corrective action is strongly recommended

Landing and Stair

Picture	Comments
	Satisfactory - No issues identified

Extra comments

Picture	Comments
	Operator camera visibility is poor. Adjustment or corrective action is recommended

Link to download all pictures

<https://fileexchange.tkelevator.com/message/QoJqLfGjGlONMXIqEyNY8S>

Note:

Inspection checklist included in this report.

TK Airport Solutions, Inc.

Alfio Zappalà

Director of Field Services

-

M: +1 (817) 822-2716. alfio.zappala@tkelevator.com

TKAS Passenger Boarding Bridge Inspection



Airport:		ILM		N/A	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Inspection Scope:	FULL LEVEL 3	
Gate:	5	SN:	05237TB3731688									Owner:	ILM	
Date:	5/5/2026	Mfr:	TKAS									Contact:	Keaghon Stark, ACE	
Inspector:	Alfio Zappala											Phone:	(Mobile) (631) 902-2900	
Rotunda/Column												Description/Notes:		
Item	1 Exterior													
1.1	Column: Grouting/Baseplate/Bolts			☐	☒	☐	☐	☐	☐	☐	☐			
1.2	Electrical: Disconnects/Conduit			☐	☒	☐	☐	☐	☐	☐	☐			
1.3	Surfaces: Paint/Weathering, Rust, Damage			☐	☐	☒	☐	☐	☐	☒	☐			
1.4	Building Seals/Flashing			☐	☒	☐	☐	☐	☐	☐	☐			
1.5	Swing Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.6	Mechanical Stops			☒	☐	☐	☐	☐	☐	☐	☐			
1.7	Curtains: Guides/Rails			☐	☒	☐	☐	☐	☐	☐	☐			
1.8	Curtains: Rollers/Tensioners/Chains			☐	☒	☐	☐	☐	☐	☐	☐			
1.9	Rotunda/Tunnel A Alignment & bellow			☐	☒	☐	☐	☐	☐	☐	☐			
1.10	Roof Panel Paint/Weathering, Rust, Damage			☐	☒	☐	☐	☐	☐	☒	☐			
1.11	Bearing			☐	☒	☐	☐	☐	☐	☐	☐			
1.12	Column/Rotunda Bolts connection			☐	☒	☐	☐	☐	☐	☐	☐			
1.13	Sub Floor and tubing			☐	☒	☐	☐	☐	☐	☐	☐			
1.14	Slope Limits/Targets			☐	☒	☐	☐	☐	☐	☐	☐			
1.15	Hinge Pins/Shims/kipppers			☐	☒	☐	☐	☐	☐	☐	☐			

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Rotunda									
Item	2 Interior									Description/Notes:
2.1	Terminal Door: Operation/Security	☐	☒	☐	☐	☐	☐	☐	☐	
2.2	Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.3	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
2.4	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
2.5	Carpeting	☐	☒	☐	☐	☐	☐	☐	☐	
2.6	Side wall panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.7	Curtain: Tension/Slats/Glass/Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.8	Ceiling panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.9	Exhaust Fan	☐	☒	☒	☐	☐	☐	☐	☐	Clean grille
2.10	Ramps: Operation/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
2.11	Floor Access Panel	☒	☐	☐	☐	☐	☐	☐	☐	
2.12	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	3 Exterior									Description/Notes:
3.1	Side Panels: Paint/Weathering/Rust	☐	☐	☒	☐	☐	☐	☒	☐	Power wash exterior and repaint
3.2	Roof Panels: Paint/Weathering/Rust	☐	☐	☒	☐	☐	☐	☒	☐	Power wash exterior and repaint
3.3	Floor Panels:Paint/Weathering/Rust	☐	☐	☒	☐	☐	☐	☐	☐	Power wash exterior
3.4	Electrical: Conduit/Cable	☐	☒	☐	☐	☐	☐	☐	☐	
3.5	Electrical: J-Boxes	☐	☒	☐	☐	☐	☐	☐	☐	
3.6	Lighting	☐	☒	☐	☐	☐	☐	☐	☐	
3.7	Ext/Ret Limits/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
3.8	Equalizing Cables/Sheaves/Pullyes	☐	☒	☐	☐	☐	☐	☐	☐	
3.9	CCTV Camera	☐	☒	☐	☐	☐	☐	☐	☐	
3.10	Rollers & Rails (Upper/Lower angles)	☐	☒	☐	☐	☐	☐	☐	☐	
3.11	Roller Access Covers	☐	☒	☐	☐	☐	☐	☐	☐	
3.12	Cable Carrier System	☐	☒	☐	☒	☐	☐	☐	☐	Adjust cables

TKAS Passenger Boarding Bridge Inspection



		NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	4 Interior									Description/Notes:
4.1	Lighting: Fixtures/Lenses/Switches	☐	☐	☐	☐	☒	☐	☐	☐	Broken lights lenses on tunnel A
4.2	Emergency Lighting	☒	☐	☐	☐	☐	☐	☐	☐	No Emergency lights
4.3	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	
4.4	Ramps: Terminal/Rotunda/Tunnels	☐	☒	☐	☐	☐	☐	☐	☐	
4.5	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
4.6	Carpet/Trim	☐	☐	☒	☐	☐	☐	☐	☐	
4.7	Handrails	☐	☒	☐	☐	☐	☐	☐	☐	
4.8	Walls	☐	☒	☐	☐	☐	☐	☐	☐	
4.9	Ceiling	☐	☒	☐	☐	☐	☐	☐	☐	
4.10	Tunnel Seals	☐	☒	☐	☐	☐	☐	☐	☐	
4.11	Gutters/Drains	☐	☐	☒	☐	☐	☐	☐	☐	
4.12	Rollers & Rails	☐	☒	☒	☐	☐	☐	☐	☐	
4.13	Baseboard Heaters	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	5 Exterior									Description/Notes:
5.1	Curtains: Slats/Glass/Wear Guides	☐	☒	☐	☐	☐	☐	☐	☐	
5.2	Curtain: Rollers/Tensioners/Covers	☐	☒	☒	☐	☐	☐	☐	☐	
5.3	Curtains: Chain/Sprokets/Tensioners	☐	☒	☒	☐	☐	☐	☐	☐	
5.4	Rotation Motor: gearbox/Sprokets	☐	☒	☒	☐	☐	☐	☐	☐	
5.5	Cab Drive Chain/Idler Sprokets	☐	☒	☒	☐	☐	☐	☐	☐	
5.6	Limit Switch/Targets	☐	☒	☒	☐	☐	☐	☐	☐	
5.7	Subfloor & Structural tubing	☐	☐	☐	☐	☐	☒	☒	☐	
5.8	Transducers (Cab. angle-Aircraft pres).	☐	☒	☐	☐	☐	☐	☐	☐	
5.9	Electrical: J-Boxes/Plugs/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
5.10	Floodlights	☐	☒	☐	☐	☐	☐	☐	☐	
5.11	Alarms: Bell/Horn/Beacon	☐	☒	☐	☐	☐	☐	☐	☐	
5.12	Height Sensor	☐	☒	☐	☐	☐	☐	☐	☐	
5.13	Pivot Bearings: Upper/Lower	☐	☒	☐	☐	☐	☐	☐	☐	
5.14	Tie rods	☐	☒	☐	☒	☐	☐	☐	☐	Safety kit not installed (Contact TKAS ASAP)
5.15	Gate Sign	☐	☒	☐	☐	☐	☐	☐	☐	
5.16	Side Panels/Glass	☐	☐	☐	☐	☐	☒	☒	☐	
5.17	Roof Panels	☐	☐	☐	☐	☐	☒	☒	☐	
5.18	Canopy Hood	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	OK	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	6 Interior									Description/Notes:
6.1	Curtains: Slats/Glass/Tension	☐	☒	☐	☐	☐	☐	☐	☐	
6.2	Curtain Seals	☐	☒	☐	☐	☐	☐	☐	☐	
6.3	Side Panels/Glass	☐	☐	☐	☐	☐	☒	☐	☐	
6.4	Ceiling/trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.5	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
6.6	Floor: Rubber Mat/Trim	☐	☒	☐	☐	☐	☐	☐	☐	Some cracks over the articulating hinge
6.7	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
6.8	Weather Door: Roll Up/Double Door	☐	☒	☐	☐	☐	☐	☐	☐	
6.9	Service Door and lockset	☐	☒	☐	☐	☐	☐	☐	☐	
6.10	Vent Fan	☒	☐	☐	☐	☐	☐	☐	☐	
6.11	Fire Extinguisher	☒	☐	☐	☐	☐	☐	☐	☐	
6.12	Smoke Detector	☐	☒	☐	☐	☐	☐	☐	☐	
6.13	Data Plates	☐	☒	☐	☐	☐	☐	☐	☐	
6.14	Operator Controll	☐	☒	☐	☐	☐	☐	☐	☐	
6.15	CCTV System	☐	☒	☐	☐	☐	☐	☐	☐	
6.16	Electrical Cabinets	☐	☒	☒	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	7 Canopy									
7.1	Canopy fabric	☐	☒	☒	☐	☐	☒	☐	☐	
7.2	Spring Arms	☐	☒	☐	☐	☐	☐	☐	☐	
7.3	Actuator/Straps	☐	☒	☐	☐	☐	☐	☐	☐	
7.4	Adaptors	☒	☐	☐	☐	☐	☐	☐	☐	
7.5	Aircraft Bumpers	☐	☒	☐	☐	☐	☐	☐	☐	
7.6	Canopy Operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	8 Auto Level									
8.1	Mounting/assembly	☐	☒	☐	☐	☐	☐	☐	☐	
8.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
8.3	Arm	☐	☒	☐	☐	☐	☐	☐	☐	
8.4	Wheel/Switch	☐	☒	☐	☐	☐	☐	☐	☐	
8.5	Auto Level operation	☐	☒	☐	☐	☐	☐	☐	☐	
Item	9 ACF									
9.1	Mounting/assembly	☐	☒	☐	☐	☐	☐	☐	☐	
9.2	Actuator	☐	☒	☐	☐	☐	☐	☐	☐	
9.3	Functionality: Manual/Auto	☐	☒	☐	☐	☐	☐	☐	☐	
9.4	Limit Switch	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Wheel Bogey/Elevation Assembly	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	10 Wheel bogey									
10.1	Tires: Pressure/Wear/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	Solid tires
10.2	Drive: Chains/Gearboxes	☐	☒	☐	☐	☐	☐	☐	☐	No chains
10.3	Drive Motors	☐	☒	☐	☐	☐	☐	☐	☐	
10.4	Rotex Bearing/pedestal/casting	☐	☒	☐	☐	☐	☐	☐	☐	
10.5	Limits: Prox/Switches/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
10.6	Electrical: J-Boxes/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
Item	11 Elevation									
11.1	HPU: Motor/Valves/Fluid/Lines	☐	☒	☐	☐	☐	☐	☐	☐	
11.2	Lift Tubes/Wear Plates/Rust Damage	☐	☒	☐	☐	☐	☐	☐	☐	
11.3	Lift Motors/Ball Screws/Wiring	☒	☐	☐	☐	☐	☐	☐	☐	
11.4	Cylinders: Fittings/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
11.5	Limits: Prox/Switches/Targets	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	12 Extra									Description/Notes:
12.1	Safety Shoe	✓								
12.2	E-Stops		✓							
12.3	Control System		✓							
12.4	Landing & Service stair		✓							
12.5										
12.6										
12.7										
12.8										
12.9										
12.10										

TKAS Passenger Boarding Bridge Inspection

General observations & Notes

1- Recommend a full exterior power washing

2- Recommend to perform a full interior deep cleaning.

3- Recommend full exterior anticorrosion treatment and paint

4- Recoment control system upgrade.

TK Airport Solutions, Inc.

Assessment report



TKAS Project Name & Number: 7570000319

Airport: ILM

Gate: 6

Date of the report: 5/19/2026

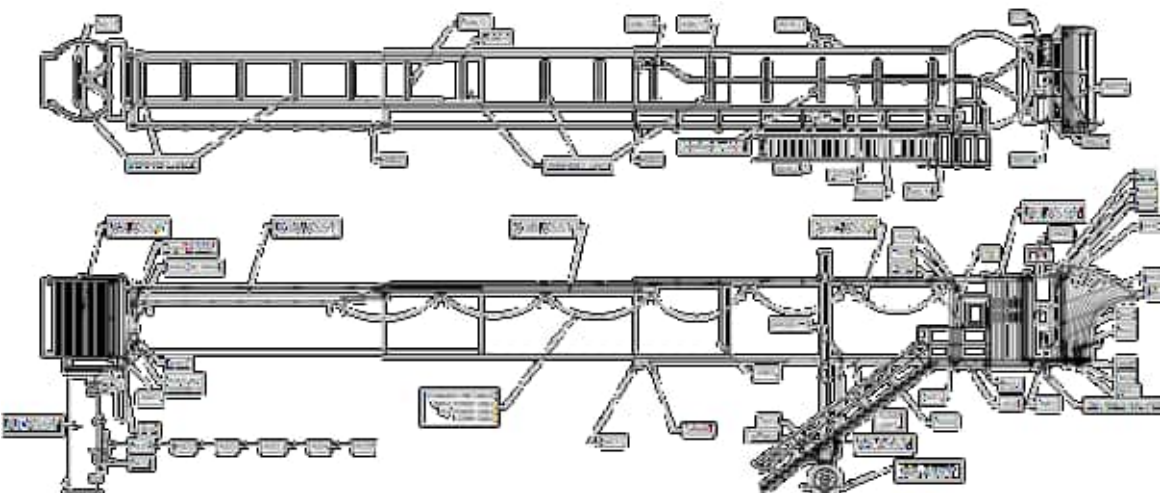
Type of assessment: L3

Summary

1. PBB information

GATE #	MODEL	SERIAL NUMBER
6	TB41/19.5-3	05337TB4133165

Below example of a TKAS Passenger boarding bridge 3 tunnels



Report

2. Technical _____

Column A1

Picture	Comments
	Recommend cleaning of the column base and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.
	Satisfactory - No issues identified

	Satisfactory - No issues identified
---	-------------------------------------

Rotunda A2

Picture	Comments
	Recommend cleaning and apply touch-up coating to remediate surface oxidation and maintain structural aesthetics.
	Satisfactory - No issues identified



Satisfactory - No issues identified



Satisfactory - No issues identified



Clean grille

	Satisfactory - No issues identified
	Satisfactory - No issues identified

Tunnels A3

Picture	Comments
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
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	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Clean yellow gutters and roller guide on tunnels B & C.

	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.

Fix Cab. A3

Picture	Comments
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation.

	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.
	Recommend a high-pressure exterior wash for all tunnel sections to remove accumulated debris and prevent premature finish degradation. Wire brush and touch up paint in the area where needed.

Rotating cab A4

Picture	Comments
	Recommend cleaning and apply touch-up coating to remediate surface oxidation on the front double doors and maintain structural aesthetics.

	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Satisfactory - No issues identified

	Satisfactory - No issues identified
	No Cab Safety kits installed. Kit shipped and delivered on 6/17/2025 with FedEx Tracking ID:881920167645
	Missing Gate sign lenses

Elevation A5

Picture	Comments
	Satisfactory - No issues identified
	Satisfactory - No issues identified

Bogey Wheel A6

Picture	Comments
	Satisfactory - No issues identified

 May 5, 2026 at 9:40:18 AM	Satisfactory - No issues identified
 May 5, 2026 at 9:40:19 AM	Satisfactory - No issues identified

Control System

Picture	Comments
 May 5, 2026 at 9:47:19 AM	Satisfactory - No issues identified

	Satisfactory - No issues identified
	Satisfactory - No issues identified
	Obsolescence Notice: VFDs used for horizontal drive are discontinued. New VFD replacement TKAS P#: <u>75-000000025520424</u>



Satisfactory - No issues identified

Landing and Stair

Picture

Comments



Satisfactory - No issues identified

Extra comments

Picture	Comments
	Camera 2 not operational

Link to download all pictures

<https://fileexchange.tkelevator.com/message/QoJqLfGjGIONMXIqEyNY8S>

Note:

Inspection checklist included in this report.

TK Airport Solutions, Inc.

Alfio Zappalà
Director of Field Services

-
M: +1 (817) 822-2716, alfio.zappala@tkelevator.com

TKAS Passenger Boarding Bridge Inspection



Airport:		ILM		N/A	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Inspection Scope:	FULL LEVEL 3	
Gate:	6	SN:	05337TB4133165									Owner:	ILM	
Date:	5/5/2026	Mfr:	TKAS									Contact:	Keaghon Stark, ACE	
Inspector:	Alfio Zappala											Phone:	(Mobile) (631) 902-2900	
Rotunda/Column												Description/Notes:		
Item	1 Exterior													
1.1	Column: Grouting/Baseplate/Bolts				✓									
1.2	Electrical: Disconnects/Conduit				✓									
1.3	Surfaces: Paint/Weathering, Rust, Damage				✓									
1.4	Building Seals/Flashing				✓									
1.5	Swing Limits/Targets				✓									
1.6	Mechanical Stops			✓										
1.7	Curtains: Guides/Rails				✓									
1.8	Curtains: Rollers/Tensioners/Chains				✓									
1.9	Rotunda/Tunnel A Alignment & bellow				✓									
1.10	Roof Panel Paint/Weathering, Rust, Damage				✓									
1.11	Bearing				✓									
1.12	Column/Rotunda Bolts connection				✓									
1.13	Sub Floor and tubing				✓									
1.14	Slope Limits/Targets				✓									
1.15	Hinge Pins/Shims/kipppers				✓									

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Rotunda									
Item	2 Interior									Description/Notes:
2.1	Terminal Door: Operation/Security	☐	☒	☐	☐	☐	☐	☐	☐	
2.2	Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.3	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
2.4	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
2.5	Carpeting	☐	☒	☐	☐	☐	☐	☐	☐	
2.6	Side wall panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.7	Curtain: Tension/Slats/Glass/Seals	☐	☒	☐	☐	☐	☐	☐	☐	
2.8	Ceiling panels	☐	☒	☐	☐	☐	☐	☐	☐	
2.9	Exhaust Fan	☐	☒	☒	☐	☐	☐	☐	☐	Clean grille
2.10	Ramps: Operation/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
2.11	Floor Access Panel	☒	☐	☐	☐	☐	☐	☐	☐	
2.12	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
	Tunnels									
Item	3 Exterior									Description/Notes:
3.1	Side Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.2	Roof Panels: Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.3	Floor Panels:Paint/Weathering/Rust	☐	☒	☒	☐	☐	☐	☐	☐	Power wash exterior
3.4	Electrical: Conduit/Cable	☐	☒	☐	☐	☐	☐	☐	☐	
3.5	Electrical: J-Boxes	☐	☒	☐	☐	☐	☐	☐	☐	
3.6	Lighting	☐	☒	☐	☐	☐	☐	☐	☐	
3.7	Ext/Ret Limits/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
3.8	Equalizing Cables/Sheaves/Pullyes	☐	☒	☐	☐	☐	☐	☐	☐	
3.9	CCTV Camera	☐	☒	☐	☐	☐	☐	☐	☐	
3.10	Rollers & Rails (Upper/Lower angles)	☐	☒	☐	☐	☐	☐	☐	☐	
3.11	Roller Access Covers	☐	☒	☐	☐	☐	☐	☐	☐	
3.12	Cable Carrier System	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



										Description/Notes:
Tunnels		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	4 Interior									
4.1	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
4.2	Emergency Lighting	☒	☐	☐	☐	☐	☐	☐	☐	No Emergency lights
4.3	Receptacles	☐	☒	☐	☐	☐	☐	☐	☐	
4.4	Ramps: Terminal/Rotunda/Tunnels	☐	☒	☐	☐	☐	☐	☐	☐	
4.5	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
4.6	Carpet/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
4.7	Handrails	☐	☒	☐	☐	☐	☐	☐	☐	
4.8	Walls	☐	☒	☐	☐	☐	☐	☐	☐	
4.9	Ceiling	☐	☒	☐	☐	☐	☐	☐	☐	
4.10	Tunnel Seals	☐	☒	☐	☐	☐	☐	☐	☐	
4.11	Gutters/Drains	☐	☒	☒	☐	☐	☐	☐	☐	
4.12	Rollers & Rails	☐	☒	☒	☐	☐	☐	☐	☐	
4.13	Baseboard Heaters	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	5 Exterior									
5.1	Curtains: Slats/Glass/Wear Guides	☐	☒	☐	☐	☐	☐	☐	☐	
5.2	Curtain: Rollers/Tensioners/Covers	☐	☒	☐	☐	☐	☐	☐	☐	
5.3	Curtains: Chain/Sprockets/Tensioners	☐	☒	☐	☐	☐	☐	☐	☐	
5.4	Rotation Motor: gearbox/Sprockets	☐	☒	☐	☐	☐	☐	☐	☐	
5.5	Cab Drive Chain/Idler Sprockets	☐	☒	☐	☐	☐	☐	☐	☐	
5.6	Limit Switch/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
5.7	Subfloor & Structural tubing	☐	☒	☐	☐	☐	☐	☐	☐	
5.8	Transducers (Cab. angle-Aircraft pres).	☐	☒	☐	☐	☐	☐	☐	☐	
5.9	Electrical: J-Boxes/Plugs/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
5.10	Floodlights	☐	☒	☐	☐	☐	☐	☐	☐	
5.11	Alarms: Bell/Horn/Beacon	☐	☒	☐	☐	☐	☐	☐	☐	
5.12	Height Sensor	☐	☒	☐	☐	☐	☐	☐	☐	
5.13	Pivot Bearings: Upper/Lower	☐	☒	☐	☐	☐	☐	☐	☐	
5.14	Tie rods	☐	☒	☐	☒	☐	☐	☐	☐	Safety kit not installed (Contact TKAS ASAP)
5.15	Gate Sign	☐	☒	☐	☒	☐	☐	☐	☐	Missing lenses
5.16	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
5.17	Roof Panels	☐	☒	☐	☐	☐	☐	☐	☐	
5.18	Canopy Hood	☐	☒	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



	Bridgehead (Fix and Rot. Cab).	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	6 Interior									Description/Notes:
6.1	Curtains: Slats/Glass/Tension	☐	☒	☐	☐	☐	☐	☐	☐	
6.2	Curtain Seals	☐	☒	☐	☐	☐	☐	☐	☐	
6.3	Side Panels/Glass	☐	☒	☐	☐	☐	☐	☐	☐	
6.4	Ceiling/trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.5	Lighting: Fixtures/Lenses/Switches	☐	☒	☐	☐	☐	☐	☐	☐	
6.6	Floor: Rubber Mat/Trim	☐	☒	☐	☐	☐	☐	☐	☐	
6.7	Sub-Floor	☐	☒	☐	☐	☐	☐	☐	☐	
6.8	Weather Door: Roll Up/Double Door	☐	☒	☐	☐	☐	☒	☒	☐	
6.9	Service Door and lockset	☐	☒	☐	☐	☐	☐	☐	☐	
6.10	Vent Fan	☒	☐	☐	☐	☐	☐	☐	☐	
6.11	Fire Extinguisher	☒	☐	☐	☐	☐	☐	☐	☐	
6.12	Smoke Detector	☐	☒	☐	☐	☐	☐	☐	☐	
6.13	Data Plates	☐	☒	☐	☐	☐	☐	☐	☐	
6.14	Operator Controll	☐	☒	☐	☐	☐	☐	☐	☐	
6.15	CCTV System	☐	☒	☐	☐	☐	☐	☐	☐	
6.16	Electrical Cabinets	☐	☒	☒	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	7 Canopy									Description/Notes:
7.1	Canopy fabric					✓	✓			
7.2	Spring Arms		✓							
7.3	Actuator/Straps		✓							
7.4	Adaptors	✓								
7.5	Aircraft Bumpers		✓							
7.6	Canopy Operation		✓							
Item	8 Auto Level									
8.1	Mounting/assembly		✓							
8.2	Actuator		✓							
8.3	Arm		✓							
8.4	Wheel/Switch		✓							
8.5	Auto Level operation		✓							
Item	9 ACF									
9.1	Mounting/assembly		✓							
9.2	Actuator		✓							
9.3	Functionality: Manual/Auto		✓							
9.4	Limit Switch		✓							

TKAS Passenger Boarding Bridge Inspection



	Wheel Bogey/Elevation Assembly	NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	Description/Notes:
Item	10 Wheel bogey									
10.1	Tires: Pressure/Wear/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	Solid tires
10.2	Drive:Chains/Gearboxes	☐	☒	☐	☐	☐	☐	☐	☐	No chains
10.3	Drive Motors	☐	☒	☐	☐	☐	☐	☐	☐	
10.4	Rotex Bearing/pedestal/casting	☐	☒	☐	☐	☐	☐	☐	☐	
10.5	Limits: Prox/Switches/Targets	☐	☒	☐	☐	☐	☐	☐	☐	
10.6	Electrical: J-Boxes/Cables	☐	☒	☐	☐	☐	☐	☐	☐	
Item	11 Elevation									
11.1	HPU: Motor/Valves/Fluid/Lines	☐	☒	☐	☐	☐	☐	☐	☐	
11.2	Lift Tubes/Wear Plates/Rust Damage	☐	☒	☐	☐	☐	☐	☐	☐	
11.3	Lift Motors/Ball Screws/Wiring	☒	☐	☐	☐	☐	☐	☐	☐	
11.4	Cylinders: Fittings/Mounting	☐	☒	☐	☐	☐	☐	☐	☐	
11.5	Limits: Prox/Switches/Targets	☒	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection



		NA	Ok	Clean	Adjust	Replace	Repair	Paint	Inspect	
Item	12 Extra									Description/Notes:
12.1	Safety Shoe	☐	☒	☐	☐	☐	☐	☐	☐	
12.2	E-Stops	☐	☒	☐	☐	☐	☐	☐	☐	
12.3	Control System	☐	☒	☐	☐	☐	☐	☐	☐	
12.4	Landing & Service stair	☐	☒	☐	☐	☐	☐	☐	☐	
12.5		☐	☐	☐	☐	☐	☐	☐	☐	
12.6		☐	☐	☐	☐	☐	☐	☐	☐	
12.7		☐	☐	☐	☐	☐	☐	☐	☐	
12.8		☐	☐	☐	☐	☐	☐	☐	☐	
12.9		☐	☐	☐	☐	☐	☐	☐	☐	
12.10		☐	☐	☐	☐	☐	☐	☐	☐	

TKAS Passenger Boarding Bridge Inspection

General observations & Notes

1- Recommend full exterior power washing

2- Recommend to perform full interior deep cleaning.