



Identifying Shortfall Driver is Critical for Bond Valuation

The distressed liquidation of the \$232.5 million Aspira Office Campus (JPMCC 2021-BOLT) confirmed that recovery of coupon reduction-driven shortfalls prioritizes principal payments. This underscores the value of credit IO positions in distressed situations. Subordinate bondholders can expect recoveries on interest shortfalls that accumulate after coupon reduction modifications, similar to non-recoverability shortfalls. The market has had very limited experience with liquidation of modified loans with coupon reductions. Aspira provides a notable data point.

The Aspira realized loss report shows payment of ~\$17.0 million of “other unpaid interest” (Figure 1). This comprised the lion’s share of the \$19.7 million Aspira liquidation expenses. The expenses waterfall left \$163.8 million for principal payments on the \$183.5 million note sale proceeds. Interestingly, the sale price was higher than the most recent \$176 million reported property valuation. The Aspira principal payments were sufficient to pay in full the three most senior classes in the four-class BOLT capital structure. But senior bondholders should take note of the potential diversion of principal payments to shortfall recoveries for subordinate bondholders. It is critical to figure out the varied drivers of accumulated shortfalls in outstanding deals.

Stav Gaon

+1 (646) 768-9173

sgaon@academysecurities.com

Headquarters Address:

Academy Securities, Inc.

622 Third Avenue, 12th Fl

New York, NY 10017

Figure 1. Aspira Office Campus (JPMCC 2021-BOLT) Liquidation

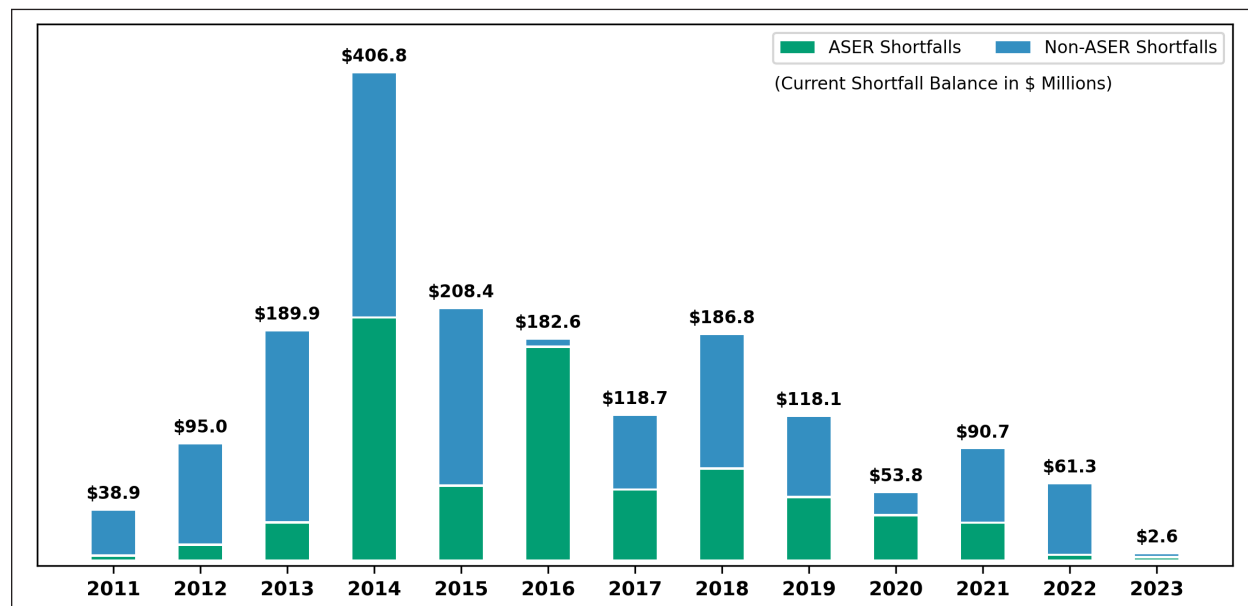
Net Liquidation Proceeds (\$ Millions)		Net Liquidation Proceeds Allocation (\$ Millions)				
		Class	Principal Balance	Paid	Accrued Interest	Paid
Original Note Balance	\$232.50	A	\$68.6	\$68.6	\$0.3	\$0.3
Note Balance At Liquidation	\$232.50	B	\$45.9	\$45.9	\$2.4	\$2.4
Liquidation Proceeds	\$183.50	C	\$41.1	\$41.1	\$5.0	\$5.0
Fees To Servicers	\$0.92 (Liquidation Fee)	D	\$65.3	\$0.0	\$13.7	\$8.9
Advances (Incl Adv. Interest)	\$0.00 (P&I, T&I, Other)	VRR	\$11.6	\$8.2	\$1.1	\$0.9
Holdbacks	\$1.25 (Unpaid expenses)	X			\$0*	\$0*
Interest - Current Period	\$1.65					
Interest - Prior Shortfalls	\$15.84					
Total Fees/Expenses	\$19.67					
Net Liquidation Proceeds	\$163.81	Total	\$232.5	\$163.8	\$22.5	\$17.5
Realized Loss to Trust	\$68.69	* Class X was entitled to (and paid) \$83K in interest				
Loss Severity	29.5%					

Source: Deal documents and Academy Securities

Distinguish Between ASER and non-ASER Shortfalls

The distinction between ASER and non-ASER shortfalls can go a long way in anticipating waterfall priorities. The liquidation of 1740 Broadway last year showed the priority of non-recoverable [shortfalls](#).¹ Aspiria now confirmed the priority of coupon-reduction shortfalls, a second major shortfalls category. This mostly leaves only ASER shortfalls as subordinate to principal paydowns at liquidation.² As such, investors may find value in subordinate classes of deals that have non-ASER shortfalls (Figure 2).

Figure 2. Interest Shortfalls Drivers



Note: ASER - Appraisal Subordination Entitlement Reduction

Source: Morningstar Credit and Academy Securities

To figure out ASER versus non-ASER breakdowns, investors can just compare deals' "cumulative interest shortfalls" to "cumulative ASER". Both fields are relatively easy to track in remittance reports. In contrast, surveilling coupon reduction shortfalls can be quite challenging, as we discussed in a previous [report](#).³ Deal documents can report the deferred interest that drives interest shortfalls in various Investor Reporting Package (IRP) fields, such as "other interest adjustments" (L102) and "deferred interest – cumulative" (L125). Several of the relevant fields are not readily available on some cashflow systems.

Holdbacks, ARA vs. ASER, and Partial Shortfalls Recovery

Although Aspiria clarified non-ASER shortfalls priority at liquidation, it still left a few curiosities open. For example, Aspiria pre-liquidation cumulative shortfalls stood at \$20.9 million. The loan did not have any accumulated ASER. The loan liquidation did recover \$15.8 million shortfalls,

¹ "1740 Broadway Liquidation Shows Path for Subordinate Bond Payments," Securitized Products Special Topics, Academy Securities, May 21, 2024

² We do not rule out some deal PSA/TSAs also de-prioritize non-ASER shortfalls.

³ "BOLT and 1440 Broadway Show the Impact of Coupon-Reduction Mods," CMBS Credit Focus, Academy Securities, December 18, 2024

BOLT: Liquidation Confirms Priority of Shortfalls Recovery Over Principal

but left \$5.1 million shortfalls outstanding. Separately, the liquidation template also reported \$1.25 million holdbacks. The Aspiria holdbacks amount is relatively small compared to previous liquidations, such as Veritas Multifamily Portfolio (GSMS 2021-RENT and RNT2) that saw staggering holdback [amounts](#).⁴ But without immediate explanation of what led to the holdbacks, investors are still left guessing if or when the trust will release the holdbacks.

Aspiria is also another example of a loan that reported appraisal reduction amount (ARA) but did not accumulate any [ASERs](#).⁵ The post-issuance \$176 million valuation of the underlying suburban office complex in Overland Park, KS, led to \$73.8 million ARA on the loan. The servicer likely did not need an ASER calculation because it was not advancing bondholder payments. ASERs are designed to curtail ongoing advances when the collateral valuation drops. Indeed, the liquidation template does not show any recovery of principal and interest (P&I) or tax and insurance (T&I) advances.

P.S.

We also find it quite interesting that an affiliate of the Kansas City Royals purchased the Aspiria loan, based on a statement the team released. The baseball team has been looking for a location for a new stadium. The team has been in discussions with Missouri and Kansas officials, according to CoStar. MLB data shows the Royals play in the fifth-oldest stadium in the country. The Royals did not confirm that the 141-acre Aspiria campus would be the location of the new stadium. But in their public statement the Royals did tie the mortgage purchase (via “an arms-length bidding process”) to its ongoing efforts to secure a new stadium location, as CoStar reported. The Aspiria site has generated “local buzz”, especially among nearby residents and Royals fans, according to local news reports.

The Royals/Aspiria development echoes the broader national trend of stadium construction and renovation. There are currently plans underway to renovate or newly build at least 39 major sports venues. This is fueling the growing interest in stadium financing and sports securitization, as we discussed in a recent [report](#).⁶ We noted in the report that sports facilities securitization should pique the interest of CRE/CMBS investors,. CRE investors may be able to leverage existing views on geographics and markets to assess facility prospects. If the Royals end up choosing Aspiria for their new ballpark site, we could see an interesting case study of stadium financing, former CMBS situation, and local market fundamentals, all tied together.

⁴ “Holdbacks: RENT in the Limelight, as Other Cases are Brewing,” CMBS Credit Focus, Academy Securities, January 25, 2024

⁵ “Triple-A Shortfalls: Destiny Spotlights Delayed ASERs Impact,” CMBS Credit Focus, Academy Securities, September 20, 2022

⁶ “Sports Securitization: Gear Up to Vet League Revenues and Stadium Cashflows,” Securitized Products Special Topics, Academy Securities, February 18, 2025

Academy Securitized Products Research Reports

Securitized Products Special Topics - Esoteric ABS:

[Energy Transition: Expect Broader Definitions in Securitization Laws](#)

[Power Costs: Data Centers and Recovery Bonds Poised for More Predicatability](#)

[Sports Securitization: Vet League Revenues and Stadium Cashflows](#)

[Timeshare ABS: Program-specific Attributes to Drive Performance](#)

[Music ABS: Pool Variations Emerge Amid Constructive Sector View](#)

[Tower ABS: Tenant Preferences Bode Well for Leasing Demand](#)

[Aircraft ABS: Momentum Builds for Insurance Booster](#)

[Data Centers: Tenant Rosters Poised to Change](#)

[Container ABS: Geopolitical Tailwinds as Issuance Picks Up](#)

[Gas Securitization: Shorter WAL Alternative to Electric Charge Deals](#)

[Net Leases: Scarcity Value as Issuance Poised to Pick Up](#)

[Recovery Bonds: Deal Reporting Shows True-Up Adjustments Potency](#)

[Data Centers: Performance Wrinkles to Test Operators' Role](#)

[Recovery Bonds: Diversifying Exposure Moves Beyond Disasters](#)

[Device Payment ABS: Expect Stable Performance as Collateral Evolves](#)

[Aircraft ABS: Waterfalls Playing Catch-Up as Fundamentals Recover](#)

[Data Centers: Teakeaways from 2023-Vintage Deals](#)

[Litigation ABS: Tailwinds in Place for an Uncorrelated Segment](#)

[Equipment ABS: Pick Your Spots Amid Diverging Collateral Trends](#)

[Commercial Solar ABS: Emergent Segment to Alleviate Headline Risks](#)

[Cell Towers: Lender-Friendly Features Dovetail with Secular Tailwinds](#)

[Timeshare ABS: Exposure to Favorable Hospitality Segments](#)

[Recovery Bonds: No Need to Closely Watch the Fed or the Economy Here](#)

[Data Centers: A Strong Segment Juggles ABS and CMBS](#)

Securitized Products Special Topics:

[Early Terminations: Tenant-friendly Provisions to Move Up Data Center Rollovers](#)

[Life Sciences: Surveil Your Exposure as Distress Percolates](#)

[CRE CLO Liquidations: Losses Accumulate, but No Immediate Writedowns](#)

[Office Contractions: New Term Rollover Risk, and Swelling Reserves](#)

[Multifamily Expenses: Broad Increases Mask the Fluctuations](#)

[Small Balance Commercial: Periphery Locations and “Weak” Sponsors May Prove Supportive](#)

[Investor Non-QM: Pockets of Value as Underwriting Tightens](#)

[Multifamily Prepays: Becoming Less Common, as Property Sales Drop](#)

[CRE CLO Mods: Rising Volume Not Immediately Telegraphing Distress](#)

[Agency Floaters: Adjusting Interest Rate Cap Escrows](#)

[Multifamily CRT: Limited Credit Risk on Synthetic Exposures](#)

[OC Triggers: Subtle Thresholds Come to the Fore As Collateral Stress Builds Up](#)

[Self Storage: Aspects to Watch as Performance Decelerates](#)

[Transitional Multifamily: Collateral Migration Away from CRE CLO Offers Different Deal Profile](#)

[Affordable Mortgages: Fee Elimination Spotlights Convexity Profile](#)

[Investor Non-QM: Rental Exposure with Some Structural Twists](#)

[Small Balance Multifamily: Value Ahead of Slow Prepays](#)

[Future Funding: Potential Key Performance Driver as CRE CLO Pipeline Builds Up](#)

[Multifamily Prepays: Property Sales Trigger Paydowns](#)

[Manufactured Housing: Resilient Segment Amid Potential Multifamily Softness](#)

[Tender Offers: Expect More to Come, Though Not on a Predictable Schedule](#)

[NYC Multifamily: Rent Increases to Support Cashflows Amid Regulatory Restrictions](#)

[Housing at a Crossroads: Single-family and Multifamily Exposures](#)

[Senior Housing: Focus on Segment Selection Amid Pandemic Impact](#)

[Disaster Performance: Pandemic Forbearance Resolutions Bode Well for Future Stresses](#)

[Russian Sanctions Impact: Lease Terminations and Forced Property Sales](#)

BOLT: Liquidation Confirms Priority of Shortfalls Recovery Over Principal

CMBS Credit Focus:

[Office Receiverships: Gauge the Value of Changing Management](#)

[Litigation Holdbacks: Long Gone Loans Keep Haunting Trusts](#)

[Privileged Appraisals: Surprise ARA Jumps Baffle Investors](#)

[Office Re-defaults: Foreclosures to the Fore as Modified Maturities Near](#)

[Interest Adjustments: Track Shortfalls Repayment and Priority](#)

[New Leases: Track Post-Issuance Replacement Tenants](#)

[Property Protection Advances: Track Opaque Expenses in Long Workouts](#)

[Parkmerced: Abundance of Structural Angles to Determine Bond Cashflows](#)

[Pro-rata Prepays: Surprise Booster for Subordinate Bonds](#)

[PILOT: Check Another Wrinkle of Ground Leases](#)

[Non-Trust Debt: Check the Seniority of Your CMBS Collateral](#)

[Recovering Shortfalls: Credit IO Value in Distressed Office](#)

[Releasing Holdbacks: RENT is Writing Up Bonds](#)

[Reserves vs Advances: Servicers Tap Reserves to Lower Advances](#)

[Forward Forbearances: One Market Plaza Introduces a Twist to Mods](#)

[Loan Assumptions: Watch Waterfalls as New Borrowers Redevelop](#)

[Holdbacks: RENT in the Limelight, as Other Cases Brewing](#)

[Blanket NRAs: Shutting Down Advances Upends Credit IO Trades](#)

[Credit 2024: Workout Nuances Come to the Fore](#)

[Recovering the Non-Recoverable: Liquidation Nuance Bolsters Paydowns](#)

[Special Servicer Replacements: 1740 Broadway Crystalizes Implications](#)

[Crossgates Liquidation: Holdbacks Complicate Severity Projections](#)

[WODRA: Bond Cashflows Under Stress in Post-Mod Advance Recovery](#)

[Securitized Mezz: Workout Dynamics in Public Display](#)

[Dark Triggers: Nuances in Focus as Tenant Departures and Subleasing Pick Up](#)

[Upping Appraisals: Recovering Valuations Reverse Shortfalls](#)

BOLT: Liquidation Confirms Priority of Shortfalls Recovery Over Principal

[Non-Recoverable Advances: Unveiling a Rationale for a Key Decision](#)

[Excess Cash Allocations: Probing Advances on Positive Cashflowing Loans](#)

[Release Prices: Cherry Picking Across Office Portfolios, Sometimes at a Discount](#)

[Mezz Loan Sales: A Potential Headache for CMBS Workouts](#)

[Equity Pledges: Hotel Bossert Spotlights Dual Collateralized Loans](#)

[The Road to Conversion: Consider Office Ground Leases and ARD Loans](#)

[Credit 2023: Advancing and Workout Approaches to Play a Central Role](#)

[Hotel Receiverships: Palmer House Hilton Spotlights Stabilization Efforts](#)

[Office Modifications: 285 Madison May Offer a Blueprint for More to Come](#)

[Triple-A Shortfalls: Destiny Spotlights Delayed ASERs Impact](#)

[Inflation-Resistant Leases: Rent Steps Offer Some Revenue Protection, though Not Much](#)

[Industrial Delinquencies: Don't Happen Often, but Watch Closely When They Do](#)

[Hotel Reserves: Key Performance Driver after Pandemic-Driven Depletion](#)

[Government Tenants: Short Termination Notices and Specialized Properties](#)

[Mall Foreclosures: What to Track as Servicers May Shift Away from Modifications](#)

BOLT: Liquidation Confirms Priority of Shortfalls Recovery Over Principal

Disclaimer

Although certain information has been obtained from sources believed to be reliable, we do not guarantee its accuracy, completeness or fairness. We have relied upon and assumed without independent verification, the accuracy and completeness of all information available from public sources.

Views and opinions expressed are for informational purposes only and do not constitute a recommendation by Academy Securities for any purpose including buying, selling, or holding any security. Views and opinions are current as of the date of this presentation and may be subject to change, they should not be construed as investment advice.

This information discusses general market activity, industry or sector trends, or other broad-based business, economic, market or political conditions and should not be construed as operational, research or investment advice. This material has been prepared by Academy Securities and is not financial research nor a product of Academy Securities. It was not prepared in compliance with applicable provisions of law designed to promote the independence of financial analysis and is not subject to a prohibition on trading following the distribution of financial research. The views and opinions expressed may differ from those of Academy Securities. Investors are urged to consult with their financial advisors before buying or selling any securities. This information may not be current and Academy Securities has no obligation to provide any updates or changes.

Economic and market forecasts presented herein reflect a series of assumptions and judgments as of the date of this presentation and are subject to change without notice. These forecasts do not take into account the specific investment objectives, restrictions, tax and financial situation or other needs of any specific client. Actual data will vary and may not be reflected here. These forecasts are subject to high levels of uncertainty that may affect actual performance. Accordingly, these forecasts should be viewed as merely representative of a broad range of possible outcomes. These forecasts are estimated, based on assumptions, and are subject to significant revision and may change materially as economic and market conditions change. Academy Securities has no obligation to provide updates or changes to these forecasts. Case studies and examples are for illustrative purposes only.

Index Benchmarks

Indices are unmanaged. The figures for the index reflect the reinvestment of all income or dividends, as applicable, but do not reflect the deduction of any fees or expenses which would reduce returns. Investors cannot invest directly in indices.

The indices referenced herein have been selected because they are well known, easily recognized by investors, and reflect those indices that the Investment Manager believes, in part based on industry practice, provide a suitable benchmark against which to evaluate the investment or broader market described herein. The exclusion of “failed” or closed hedge funds may mean that each index overstates the performance of hedge funds generally.

THIS MATERIAL DOES NOT CONSTITUTE AN OFFER OR SOLICITATION IN ANY JURISDICTION WHERE OR TO ANY PERSON TO WHOM IT WOULD BE UNAUTHORIZED OR UNLAWFUL TO DO SO.

©Academy Securities, Inc.