

Product Reference Guide

for Raymond James

For producer use only. Not for use in sales solicitation

NOT FDIC OR NCUSIF INSURED • NO BANK OR CREDIT UNION GUARANTEE • MAY LOSE VALUE
NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY • NOT A DEPOSIT

FIXED-INDEXED ANNUITIES

	American Landmark 3	American Landmark 5	American Legend 7	Safe Return
Issue ages	0-90 (qualified) 0-90 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)	0-89 (qualified) 0-89 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)	0-85 (qualified) 0-85 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)	0-85 (qualified) 0-85 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)
Tax qualifications	<ul style="list-style-type: none"> • 403(b) (Traditional & Roth) • 457(b) • IRA (Traditional, Roth, SEP, SIMPLE, Inherited) 		<ul style="list-style-type: none"> • Non-qualified • Inherited non-qualified 	
Purchase payments	Minimum: \$50,000 Additional purchase payments of at least \$2,000 accepted in first two months of contract	Minimum: \$10,000 Additional purchase payments of at least \$2,000 accepted in first year of contract	Minimum: \$10,000 Additional purchase payments of at least \$2,000 accepted	Minimum: \$25,000 Additional purchase payments of at least \$2,000 (Q) or \$5,000 (NQ) accepted in first two months of contract
Early withdrawal charges	3-year declining starting at 9%	5-year declining starting at 9%	7-year declining starting at 9%	10-year declining starting at 10%
Market value adjustment	Yes	Yes	Yes	No
Features	<ul style="list-style-type: none"> • Indexed strategies: Point-to-point with cap • GMSV: 87.5% of purchase payments plus interest credited at a guaranteed minimum rate • 10% penalty-free withdrawal beginning first contract year • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • Indexed strategies: Point-to-point with cap, participation rate or cap lock • GMSV: 87.5% of purchase payments plus interest credited at a guaranteed minimum rate • 10% penalty-free withdrawal beginning first contract year • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • Indexed strategies: Point-to-point with cap, participation rate or cap lock • GMSV: 87.5% of purchase payments plus interest credited at a guaranteed minimum rate • 10% penalty-free withdrawal beginning first contract year • Extended care and terminal illness waiver riders • Optional riders: IncomeSecure; Inheritance Enhancer 	<ul style="list-style-type: none"> • Indexed strategies: Point-to-point with cap or participation rate • Bailout feature on indexed strategies • Return of premium guarantee • GMSV: 100% of purchase payments plus interest credited at a guaranteed minimum rate • 10% penalty-free withdrawal beginning first contract year • Extended care and terminal illness waiver riders • Optional rider: Inheritance Enhancer

FIXED-INDEXED ANNUITY RIDERS

	IncomeSecure	Inheritance Enhancer
Issue ages	40-85 (qualified and non-qualified); Income payments may begin at age 55	50-85 (qualified and non-qualified)
Current rider charges	See IncomeSecure brochure for current rider charge, which is based off the income base and deducted from the account value.	See InheritanceEnhancer brochure for current rider charge, which is based off the death benefit base and deducted from the account value.
Features	<ul style="list-style-type: none"> • Guaranteed income rider • Income payments may be taken at any time, if client is age 55 or older • Resets available at first anniversary • Competitive payout percentages that increase annually for a set period of time until income start date • Available income options: single lifetime income and joint lifetime income 	<ul style="list-style-type: none"> • Guaranteed death benefit rider • Refund of rider charge in certain circumstances • Resets available at first anniversary

REGISTERED INDEX-LINKED ANNUITIES

Index Summit 6	
Issue ages	Up to age 80
Tax qualifications	<ul style="list-style-type: none"> • 403(b) (Traditional & Roth) • 457(b) • 401(a) • IRA (Traditional, Roth, SEP, SIMPLE, Inherited) • Non-qualified • Inherited non-qualified
Purchase payments	Minimum: \$25,000 Additional purchase payments of at least \$10,000 accepted in first two months of contract
Early withdrawal charges	6-year declining starting at 8%
Fees	None
Features	<ul style="list-style-type: none"> • Declared rate strategy • Indexed strategies: <ul style="list-style-type: none"> • 1-Year 50% Downside Participation Rate with Cap • 1-Year 50% Downside Participation Rate with Upside Participation Rate • 1-Year 10% Buffer with Cap • 1-Year 10% Buffer with Performance Trigger • 1-Year 10% Buffer with Dual Performance Trigger • 1-Year 20% Buffer with Cap • 1-Year 20% Buffer with Performance Trigger • 1-Year -10% Floor with Cap • 1-Year 0% Floor with Cap • 2-Year 50% Downside Participation Rate with Cap • 2-Year 50% Downside Participation Rate with Upside Participation Rate • 3-Year 10% Buffer with Upside Participation Rate • 3-Year 20% Buffer with Upside Participation Rate • 6-Year 10% Buffer with Upside Participation Rate • 6-Year 20% Buffer with Upside Participation Rate <p><i>6-year strategies only available for terms beginning in first contract year, 3-year strategies only available for terms beginning in first four contract years. Not all strategies available with all indexes and ETFs.</i></p> <ul style="list-style-type: none"> • 10% penalty-free withdrawal beginning first contract year • Death benefit is greater of account value or purchase payments, less proportional reductions for withdrawals • Extended care and terminal illness waiver riders • Performance lock available on select strategies. For more information and availability by strategy, please refer to the Product Overview.

FIXED ANNUITIES

	SecureGain 3	SecureGain 5	SecureGain 7
Issue ages	Up to age 90	Up to age 89	Up to age 88
Tax qualifications	<ul style="list-style-type: none"> • 403(b) (Traditional & Roth) • 457(b) • IRA (Traditional, Roth, SEP, SIMPLE, Inherited) • Non-qualified • Inherited non-qualified 		
Purchase payments	Minimum: \$25,000 Additional purchase payments of at least \$2,000 accepted in first 60 days of contract	Minimum: \$25,000 Additional purchase payments of at least \$2,000 accepted in first 60 days of contract	Minimum: \$25,000 Additional purchase payments of at least \$2,000 accepted in first 60 days of contract
Early withdrawal charges	3-year declining starting at 8%	5-year declining starting at 8%	7-year declining starting at 8%
Market value adjustment	Yes	Yes	Yes
Features	<ul style="list-style-type: none"> • Offers an initial three-year term • The initial interest rate for each purchase payment is guaranteed until the third contract anniversary. • 10% penalty-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments minus all prior withdrawals plus interest credited at a GMSV rate • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • Offers an initial five-year term • The initial interest rate for each purchase payment is guaranteed until the fifth contract anniversary. • 10% penalty-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments minus all prior withdrawals plus interest credited at a GMSV rate • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • Offers an initial seven-year term • The initial interest rate for each purchase payment is guaranteed until the seventh contract anniversary. • 10% penalty-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments minus all prior withdrawals plus interest credited at a GMSV rate • Extended care and terminal illness waiver riders

FEE-BASED FIXED-INDEXED ANNUITIES

	Index Protector 4	Index Protector 5 MVA	Index Protector 7
Issue ages	0-90 (qualified) 0-90 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)	0-89 (qualified) 0-89 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)	0-85 (qualified) 0-85 (non-qualified) 0-75 (inherited IRA) 0-75 (inherited non-qualified)
Tax qualifications	<ul style="list-style-type: none"> • 403(b) (Traditional & Roth) • 457(b) • 401(a) 	<ul style="list-style-type: none"> • IRA (Traditional, Roth, SEP, SIMPLE, Inherited) • Non-qualified • Inherited non-qualified 	
Purchase payments	Minimum: \$50,000 Additional purchase payments of at least \$25,000 accepted in first two months of contract	Minimum: \$50,000 Additional purchase payments of at least \$25,000 accepted in first two months of contract	Minimum: \$100,000 Additional purchase payments of at least \$25,000 accepted in first two months of contract
Early withdrawal charges	4-year early withdrawal charges of 5.6%	None	7-year declining starting at 7%
Market value adjustment	No	Yes	Yes
Features	<ul style="list-style-type: none"> • Declared rate strategy • Indexed strategies: Point-to-point with cap or participation rate • 10% penalty-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments at a GMSV rate • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • 1-year and 5-year declared rate strategies • Indexed strategies: Point-to-point with cap or participation rate • 10% MVA-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments at a GMSV rate • Extended care and terminal illness waiver riders 	<ul style="list-style-type: none"> • Return of premium guarantee after third contract year • Declared rate strategy • Indexed strategies: Point-to-point with cap, participation rate or cap lock • 10% penalty-free withdrawal beginning first contract year • GMSV: 87.5% of purchase payments plus interest credited at a GMSV rate • Extended care and terminal illness waiver riders • Optional rider: IncomeDefender

INDEX PROTECTOR 7 RIDER

	IncomeDefender
Issue ages	40-85 (qualified and non-qualified); Income payments may begin at age 55
Current rider charges	0.85% of the income base, deducted from the account value. Subject to change upon reset.
Features	<ul style="list-style-type: none"> • Guaranteed income rider • 8% rollup credit and 7-year income rollup period • Income payments may be taken at any time, if client is age 55 or older • Resets available at first anniversary • Competitive payout percentages that increase 0.10% each year until income start date • Available income options: single lifetime income and joint lifetime income

FEE-BASED REGISTERED INDEX-LINKED ANNUITY

Index Achiever Advisory	
Issue ages	Up to age 80
Tax qualifications	<ul style="list-style-type: none"> • 403(b) (Traditional & Roth) • 457(b) • 401(a) • IRA (Traditional, Roth, SEP, SIMPLE, Inherited) • Non-qualified • Inherited non-qualified
Purchase payments	Minimum: \$25,000 Additional purchase payments of at least \$10,000 accepted in first two months of contract
Early withdrawal charges	There are no early withdrawal charges. A market value adjustment will apply to withdrawals from indexed strategies during the first six contract years.
Fees	None
Features	<ul style="list-style-type: none"> • Declared rate strategy • Indexed strategies: <ul style="list-style-type: none"> • 1-Year 50% Downside Participation Rate with Cap • 1-Year 50% Downside Participation Rate with Upside Participation Rate • 1-Year 10% Buffer with Cap • 1-Year 10% Buffer with Performance Trigger • 1-Year 10% Buffer with Dual Performance Trigger • 1-Year 20% Buffer with Cap • 1-Year 20% Buffer with Performance Trigger • 1-Year -10% Floor with Cap • 3-Year 10% Buffer with Upside Participation Rate • 3-Year 20% Buffer with Upside Participation Rate • 6-Year 10% Buffer with Upside Participation Rate • 6-Year 20% Buffer with Upside Participation Rate <p><i>6-year strategies only available for terms beginning in first contract year, 3-year strategies only available for terms beginning in first four contract years. Not all strategies available with all indexes and ETFs.</i></p> • 10% MVA-free withdrawal beginning first contract year • Death benefit is greater of account value or purchase payments, less proportional reductions for withdrawals • Extended care and terminal illness waiver riders • Performance lock available on select strategies. For more information and availability by strategy, please refer to the Product Overview.

Registered index-linked annuities can only be sold through a Broker/Dealer that is contracted with MassMutual AscendSM. Any sales solicitation must be accompanied or preceded by a prospectus. To obtain a copy of the prospectus, please visit MassMutualAscend.com/RILArates. Principal Underwriter/Distributor: MM Ascend Life Investor Services, LLC, member FINRA and an affiliate of MassMutual Ascend Life Insurance Company.

Fee-based annuities are intended for distribution by Investment Advisor Representatives engaged in fee-based planning. MassMutual Ascend is not an investment advisor and the information provided in this document is not investment advice.

For additional product features, please see the Product Overview. The contracts remain the sole and exclusive authority for the terms and conditions of each product. In no event shall this guide be deemed to supplement, amend or otherwise alter any terms or conditions of any contract.

Extended care and terminal illness waiver riders not available in all states. Extended care waiver is offered under form number R6026109NW, R6032410NW or R1462316NW. Terminal illness waiver offered under form number R6025809NW, R6032310NW or R1462416NW. Products issued by MassMutual Ascend Life Insurance CompanySM (Cincinnati, Ohio), a wholly owned subsidiary of Massachusetts Mutual Life Insurance Company (MassMutual) under contract form number ICC24-P1172524NW, P1074514NW, P1134618NW, P1112916NW, P1470017NW, P1110416NW, P1140219NW, P1140119NW, ICC24-P1825224NW, ICC24-P1841624NW, and endorsement form number E1826318NW, and rider form numbers R6036711NW, R6042513NW, ICC24-R1462424NW, ICC24-R1462324NW, ICC22-R1843722NW and ICC22-R1843822NW. Form numbers, features and availability may vary by state. Product may not be available in all states.

All guarantees subject to the claims-paying ability of MassMutual Ascend Life Insurance Company.

This content does not apply in the state of New York.

For producer use only. Not for use in sales solicitation.

NOT A BANK OR CREDIT UNION DEPOSIT OR OBLIGATION • NOT FDIC OR NCUA-INSURED • NOT INSURED BY ANY
FEDERAL GOVERNMENT AGENCY • MAY LOSE VALUE • NOT GUARANTEED BY ANY BANK OR CREDIT UNION

