



Account Number

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Options Account Application

Advisor Name

| | | | | | | | | | | | | | | | | | | | |
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G Number

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Please complete this form to add options privileges to an existing Fidelity Brokerage Account. Please carefully review the attached Options Account Agreement prior to requesting options privileges for your account and retain the Options Account Agreement for your records. All information on this application must be completed to be considered for options privileges.

Account Owner

Includes trustees and authorized individuals.

| | |
|---|---------------|
| Primary Account Owner | |
| Trust or Entity Name (If applicable) | |
| Social Security number, Customer ID, or Tax ID Number | Date of Birth |
| | |

| | |
|----------------|----------------------|
| Marital Status | Number of Dependents |
| | |

INCOME/EMPLOYMENT

Retired/ Not Employed

| |
|--|
| Source of Income <i>pension, royalties, trust fund, etc.</i> |
| |

Employed

| |
|------------|
| Occupation |
| Employer |

SECURITIES INDUSTRY AFFILIATIONS

Check this box if you are affiliated with, or employed by, a stock exchange or a member firm of an exchange or FINRA, a municipal securities dealer or Fidelity. If you checked the box, obtain and **attach the compliance officer's letter of approval ("407 letter")** and indicate your company's name and address below. Failure to include an approval letter may delay the processing of your request. We must tell your employer you have applied for this account.

Same as employer above.

| | | |
|---------------------------------|-----------------|---------|
| Name of Company or Other Entity | | |
| Address | | City |
| State/Province | Zip/Postal Code | Country |

INVESTMENT EXPERIENCE

Number of Years Trading Securities

| | | | | |
|--------|-------|-------------|----------------|---------------|
| Stocks | Bonds | Commodities | Equity Options | Index Options |
| Yrs. | Yrs. | Yrs. | Yrs. | Yrs. |

Average Size and Frequency of Prior Securities Transactions

| | |
|---|------------------------|
| Average Size \$1,000, \$5,000, \$10,000, etc. | Transactions per Month |
| | |

Additional Account Owner

ALL owners must be listed. For additional owners, use a copy of this section.

| | |
|---|---------------|
| Joint Account Owner/Trustee (if any) | |
| Trust or Entity Name (If applicable) | |
| Social Security number, Customer ID, or Tax ID Number | Date of Birth |
| | |

| | |
|----------------|----------------------|
| Marital Status | Number of Dependents |
| | |

INCOME/EMPLOYMENT

Retired/ Not Employed

| |
|--|
| Source of Income <i>pension, royalties, trust fund, etc.</i> |
| |

Employed

| |
|------------|
| Occupation |
| Employer |

SECURITIES INDUSTRY AFFILIATIONS

Check this box if you are affiliated with, or employed by, a stock exchange or a member firm of an exchange or FINRA, a municipal securities dealer or Fidelity. If you checked the box, obtain and **attach the compliance officer's letter of approval ("407 letter")** and indicate your company's name and address below. Failure to include an approval letter may delay the processing of your request. We must tell your employer you have applied for this account.

Same as employer above.

| | | |
|---------------------------------|-----------------|---------|
| Name of Company or Other Entity | | |
| Address | | City |
| State/Province | Zip/Postal Code | Country |

INVESTMENT EXPERIENCE

Number of Years Trading Securities

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|--------|-------|-------------|----------------|---------------|
| Stocks | Bonds | Commodities | Equity Options | Index Options |
| Yrs. | Yrs. | Yrs. | Yrs. | Yrs. |

Average Size and Frequency of Prior Securities Transactions

| | |
|---|------------------------|
| Average Size \$1,000, \$5,000, \$10,000, etc. | Transactions per Month |
| | |



Financial Profile Answer for ALL owners combined. Trusts/entities: Answer based on trust/entity assets.

ANNUAL INCOME

From all sources

- 1 Under \$20,000
- 2 \$20,000 – \$50,000
- 3 \$50,001 – \$100,000
- 4 Over \$100,000

ESTIMATED NET WORTH

Excluding your home

- 1 Under \$30,000
- 1 \$30,000 – \$50,000
- 2 \$50,001 – \$100,000
- 3 \$100,001 – \$500,000
- 4 Over \$500,000

ESTIMATED LIQUID NET WORTH

Cash and assets easily converted to cash

- 1 Under \$15,000
- 1 \$15,000 – \$50,000
- 2 \$50,001 – \$100,000
- 3 \$100,001 – \$500,000
- 4 Over \$500,000

Signatures - Required

I acknowledge that if I am adding Options Trading Plan C, D, or E to a Non-Prototype Retirement Account, I have read and understand the following points: As trustee, it is my responsibility to ensure that all account transaction and investment instructions provided are in accordance with the underlying plan and trust. In addition to risks generally applicable to margin borrowing, utilizing margin within a tax-advantaged retirement account poses additional risks, including: 1) using account assets to satisfy margin calls reduces tax-advantaged savings, 2) annual contribution limits may restrict a plan trustee's ability to satisfy margin calls, and 3) debt-financed investment income within a tax-advantaged account can generate unrelated business taxable income (UBTI). You are strongly encouraged to consult your tax or benefits advisor prior to utilizing margin borrowing on this account.

I acknowledge that I have read, understood and agree to the terms set forth in the Options Account Agreement, agree to be bound by such agreement as is currently in effect and as may be amended from time to time, and request that Fidelity Brokerage Services LLC ("FBS") accept one or more account(s) in my name. I am at least 18 years of age and of full legal age in the state in which I reside.

I further acknowledge and agree that all information about me and any other account owner is true, accurate, and complete, to the fullest extent of my knowledge, including

information about securities industry affiliations, which I answer under penalties of perjury. If I have not checked the box for securities industry affiliations, I represent and warrant that I am not affiliated with or employed by a stock exchange or a broker-dealer.

The following clause referring to lending of securities applies only to those accounts eligible and approved for margin: **YOU ARE HEREBY AUTHORIZED TO LEND SEPARATELY, OR WITH THE PROPERTY OF OTHERS, EITHER TO YOURSELVES OR TO OTHERS, ANY PROPERTY YOU MAY BE CARRYING FOR ME ON MARGIN. THIS AUTHORIZATION APPLIES TO ALL MY ACCOUNTS YOU CARRY AND SHALL REMAIN IN FORCE UNTIL YOU RECEIVE WRITTEN NOTICE OF REVOCATION.**

I represent that I have read the terms and conditions set forth in the Options Account Agreement concerning this account and agree to be bound by such terms and conditions as are currently in effect and as may be amended from time to time.

X _____ /_____/_____
 Signature of Owner/Custodian/Trustee Date (MM/DD/YYYY) Print Name

X _____ /_____/_____
 Signature of Owner/Trustee Date (MM/DD/YYYY) Print Name

X _____ /_____/_____
 Signature of Owner/Trustee Date (MM/DD/YYYY) Print Name

For Fidelity Use Only

| | | |
|----------------------------------|--|-------------------|
| Options: Signature | | Date (MM-DD-YYYY) |
| Approving Manger's Signature/ROP | | Date (MM-DD-YYYY) |
| RR2 | DTC # | |
| Approved to Options Level | Options Disclosure Document Sent Date (MM-DD-YYYY) | |



Authorized Third Party (Not for Advisor on Account) *For additional third parties, use a copy of this section.*

This section should be completed by any authorized third party(s) on this account and should not be completed by the Advisor authorized by the account owner to manage the brokerage account. An authorized third party is someone that has authority over an account that they do not own. Authorized third parties must be established on an account by completing the Account Access Rights for Advisor Managed Accounts Form. Please ensure that this form has already been processed by Fidelity prior to submitting this Options Account Application.

Note to Authorized agents/Advisors: Prior to submitting this Options Account Application on behalf of your client, you must have an Advisor Firm Options Request Form on file with Fidelity.

| | | |
|---|-------------|-----------|
| First Name | Middle Name | Last Name |
| Relationship to Owner Attorney, family, trustee, etc. | | |

INVESTMENT EXPERIENCE

Number of Years Trading Securities

| | | | | |
|--------|-------|-------------|----------------|---------------|
| Stocks | Bonds | Commodities | Equity Options | Index Options |
| Yrs. | Yrs. | Yrs. | Yrs. | Yrs. |

Average Size and Frequency of Prior Securities Transactions

| | |
|---|------------------------|
| Average Size (\$1,000, \$5,000, \$10,000, etc.) | Transactions per Month |
|---|------------------------|

Options Trading Experience

- A Writing covered calls on equity options
- B Buying calls/puts, or establishing straddles/combinations, on equity or index options
- C Writing equity spreads or covered puts
- D Writing uncovered options, straddles, or combinations, on equities
- E Writing spreads, uncovered options, or uncovered straddles and combinations, on indexes

By signing below, you:

- State that you have received from the account owner(s) a copy of the Options Agreement and the disclosure materials identified in the agreement, and that you have read them and understand them.
- Accept all terms and conditions described in this application and in the Options Agreement.

- State that you are familiar with and understand the investment objectives and trading plans of the account owner(s) and will only use trading strategies that are consistent with these objectives and plans.
- State that you have provided Fidelity with your required personal, financial, and investment information, and that this information is complete and truthful.

These accounts are governed by a pre-dispute arbitration clause, which appears on the last page of the Options Agreement, and you acknowledge that you have received a copy of this clause.

Authorized Third Party Signature:

| |
|---|
| X |
|---|

| |
|---------------------|
| Date MM / DD / YYYY |
|---------------------|



Options Account Agreement

Please Retain for Your Records

I understand that I must indicate on my account application that I am interested in trading options and that I must qualify for options privileges before I am eligible for options trading. I understand that options trading is not appropriate for everyone and I will examine my financial resources, investment objectives and tolerance for risk to determine whether options trading is appropriate for me.

I agree with and represent to Fidelity Brokerage Services LLC ("FBS") and National Financial Services LLC (collectively, "Fidelity" or "you") as follows:

- All transactions shall be subject to the constitutions, rules, regulations, customs and usages of the Options Clearing Corporation and any exchange or other marketplace where executed. In addition, I am aware of, and agree to be bound by, the rules of the Financial Industry Regulatory Authority (FINRA) and the New York Stock Exchange, Inc. (NYSE) and the Options Clearing Corporation applicable to option contracts.
- Any securities, cash and money market funds held by you in any of my accounts may be held and used by you as security for the performance of my obligations to you under this agreement.
- In case of my insolvency, death or the attachment of my property, you may, with respect to any open options contract position, take such steps as you may consider necessary or appropriate to protect yourself against loss. All obligations and liabilities arising under this account are joint and several and may be enforced by FBS against any or all account owners.
- I will not enter any order for options until I have received, read and understood the appropriate Options Disclosure Document(s) of the Options Clearing Corporation. I specifically affirm the following disclosures as set forth in said Document(s):
 - That both the purchase and the writing of options contracts involve a high degree of risk, are not suitable for many investors and, accordingly, should be entered into only by investors who understand the nature and extent of their rights and obligations and are fully aware of the inherent risk involved, especially during extreme market volatility or trading volumes.
 - That I should not purchase any option unless I am able to sustain a total loss of the premium and transaction costs and (i) that I should not write a call option unless I either own the underlying security (or a security convertible, exchangeable, or exercisable into such underlying security) or am able to sustain substantial financial losses and (ii) that I should not write a put option unless I am able to sustain the loss resulting from purchasing the underlying security at the exercise price.
 - That the price of an options contract is affected by various factors such as the relationship between the exercise price and the market price of the underlying security, the expiration date of the option and the price fluctuations or other characteristics of the underlying stock.
 - That the Exchanges or other regulatory bodies may restrict transactions in particular options or the exercise of options contracts in their discretion from time to time.
 - That all index option exercises are settled by cash payment and not by the delivery of securities; and that all index option exercises are based on the closing index value and that any "in-the-money" index options exercised prior to the availability of the closing index value face the risk of closing out of the money due to a subsequent adverse change in the index value.
- I have noted particularly those sections of the Options Clearing Corporation Disclosure Document(s) that summarize the risk factors involved in options trading and I have determined that, in view of my financial situation and investment objectives, options trading is suitable for me. I shall advise you or my Authorized agent/Advisor of any changes in my investment objectives, financial situations and needs insofar as such changes are material to my options transactions. Fidelity does not guarantee that any investment will achieve your intended objective. The financial and other information listed on the application is accurate.
- The exercise and assignment of options will be subject to the rules of the Options Clearing Corporation and NFS as may be in effect from time to time. I am aware of your requirements and time limitations for accepting instructions from me or my authorized agent with respect to my options positions. **Manual exercise by customers:** In the event that I fail to instruct you by 4:20 p.m. (ET) on the business day immediately preceding the expiration date to exercise an equity option which is in-the-money by less than \$0.01. I hereby agree to waive any and all claims for damage or loss that I might have against you, at the time or any time thereafter, arising out of the fact that an in-the-money option is not exercised. **Automatic exercise by the Options Clearing Corporation:** I am aware that I must notify Fidelity no later than 4:20 p.m. (ET) on the business day immediately preceding the expiration date if I do not want the Options Clearing Corporation to exercise on my behalf an equity option which is in-the-money by \$0.01 or more, or an index option which is in-the-money by \$0.01 or more. In the event my option contract(s) are exercised, I understand that all resulting positions will be maintained in my account and I must instruct you to close such positions if I wish to do so. If the position(s) that arises from an exercise cannot be maintained (e.g., short stock in a retirement account, no shares available for a short sale, etc.), I understand that you will liquidate the position at my sole risk, for which I shall be charged two commissions. I agree to make full and timely settlement for any underlying security covered by the exercised option contract(s).

- I understand that before writing any option I must have in my account a minimum equity or appropriate position in such amounts as you may specify from time to time, and that no withdrawals of cash or securities will be permitted from the account that would reduce either the equity or position below your requirements. I further understand that any orders to sell any securities held in my account pursuant to such minimum maintenance requirements may be refused by you at your sole discretion, and I shall not hold you liable for any loss that I may sustain due to your refusal to permit the sale of said securities during such period.
- Regarding any margin transactions I may make and supplementing the terms and conditions of my Margin Account Agreement and the Client Agreement, in the event I do not meet your margin calls promptly, you are authorized in your sole discretion, and without notification to me, to take any and all steps necessary to protect yourself in connection with put or call transactions made for my account, including, without limitation, the right to buy or sell short, or short exempt, for my account and risk any part or all of the shares represented by options endorsed by you for my account or to buy, sell or exercise any put or call options as you may deem necessary to fully protect yourself. Any and all losses and expenses, including attorneys' fees, incurred by you in this connection will be reimbursed by me.
- I shall have the sole responsibility to exercise, in a proper and timely manner, any right, privilege or obligation of any put option, call option or other option that you may purchase, handle, endorse or carry for my account(s). You shall not be liable in connection with the execution, handling, selling, purchasing or endorsing of options for my account.
- I, alone or in concert with others, will not violate the position limits or the exercise limits of the options exchanges as set forth in the Options Clearing Corporation Disclosure Document(s).
- I understand and acknowledge that, when transactions on my behalf are to be executed in options traded in more than one marketplace, in the absence of my specific instructions, you may use your discretion in selecting the market in which to enter my orders.
- This Options Account Agreement and its enforcement shall be governed by the laws of the Commonwealth of Massachusetts, except with respect to its conflict of laws provisions. Its provisions shall inure to the benefit of Fidelity's successors and assigns, whether by merger, consolidation or otherwise. Fidelity may transfer my accounts to your successors and assigns, and this agreement shall be binding upon my estate, executors, administrators, successors and assigns.**
- Except to the extent to which they conflict with this Agreement, the provisions of my Margin Account Agreement are incorporated herein by reference. In the event of a conflict, the provisions of this Agreement shall control. This agreement may be terminated by me or Fidelity at any time. This agreement will remain in effect until its termination is acknowledged in writing by an authorized representative of Fidelity. No provision of this agreement can be amended or waived except in writing by an authorized representative of Fidelity. If any provision of this agreement becomes inconsistent with any present or future law or regulation of an entity having regulatory jurisdiction over it, that provision will be superseded or amended to conform with such law or regulation, but the remainder of this agreement remains in force and effect.
- With reference to the allocation of exercise notices assigned, I understand that you will use the random selection method of allocation. This method randomly selects from all customers' short option positions, including positions established on the day of assignment, those option contracts that are subject to exercise. I further understand that all short option positions are liable for assignment at any time. A detailed description of this method is available upon written request.
- Special Statement for Uncovered Option Writers:** There are special risks associated with uncovered option writing that expose the investor to potentially significant loss. Therefore, this type of strategy may not be suitable for all customers approved for options transactions.
 - The potential loss of uncovered call writing is unlimited. The writer of an uncovered call is in an extremely risky position, and may incur large losses if the value of the underlying instrument increases above the exercise price.
 - As with writing uncovered calls, the risk of writing uncovered put options is substantial. The writer of an uncovered put option bears a risk of loss if the value of the underlying instrument declines below the exercise price. Such loss could be substantial if there is a significant decline in the value of the underlying instrument.
 - Uncovered option writing is thus suitable only for the knowledgeable investor who understands the risks, has the financial capacity and willingness to incur potentially substantial losses, and has sufficient liquid assets to meet applicable margin requirements. In this regard, if the value of the underlying instrument moves against an uncovered writer's options position, the investor's broker may request significant additional margin payments. If an investor does not make such margin payments, the broker may liquidate stock or options positions in the investor's account, with little or no prior notice in accordance with the investor's margin agreement.
 - For combination writing, where the investor writes both a put and a call on the same underlying instrument, the potential risk is unlimited.

E. If a secondary market in options were to become unavailable, investors could not engage in closing transactions, and an option writer would remain obligated until expiration or assignment.

F. The writer of an American-style option is subject to being assigned an exercise at any time after he has written the option until the option expires. By contrast the writer of a European-style option is subject to exercise assignment only during the exercise period.

NOTE: It is expected that you will read the booklet entitled *Characteristics and Risks of Standardized Options*. In particular, your attention is directed to the chapter entitled "Risks of Buying and Writing Options." This statement is not intended to enumerate all of the risks entailed in writing uncovered options.